

gesis[®]
Pluggable electrical installation
for indoors

Catalog 2015





no



Pluggable everywhere – *gesis®*

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***gesis®* NV, *gesis®* NRG**

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Subject to technical modifications.
 Errors excepted.

Building installation – simply plug in – perfect!

gesis® – one name, one idea, an inimitable story of success.

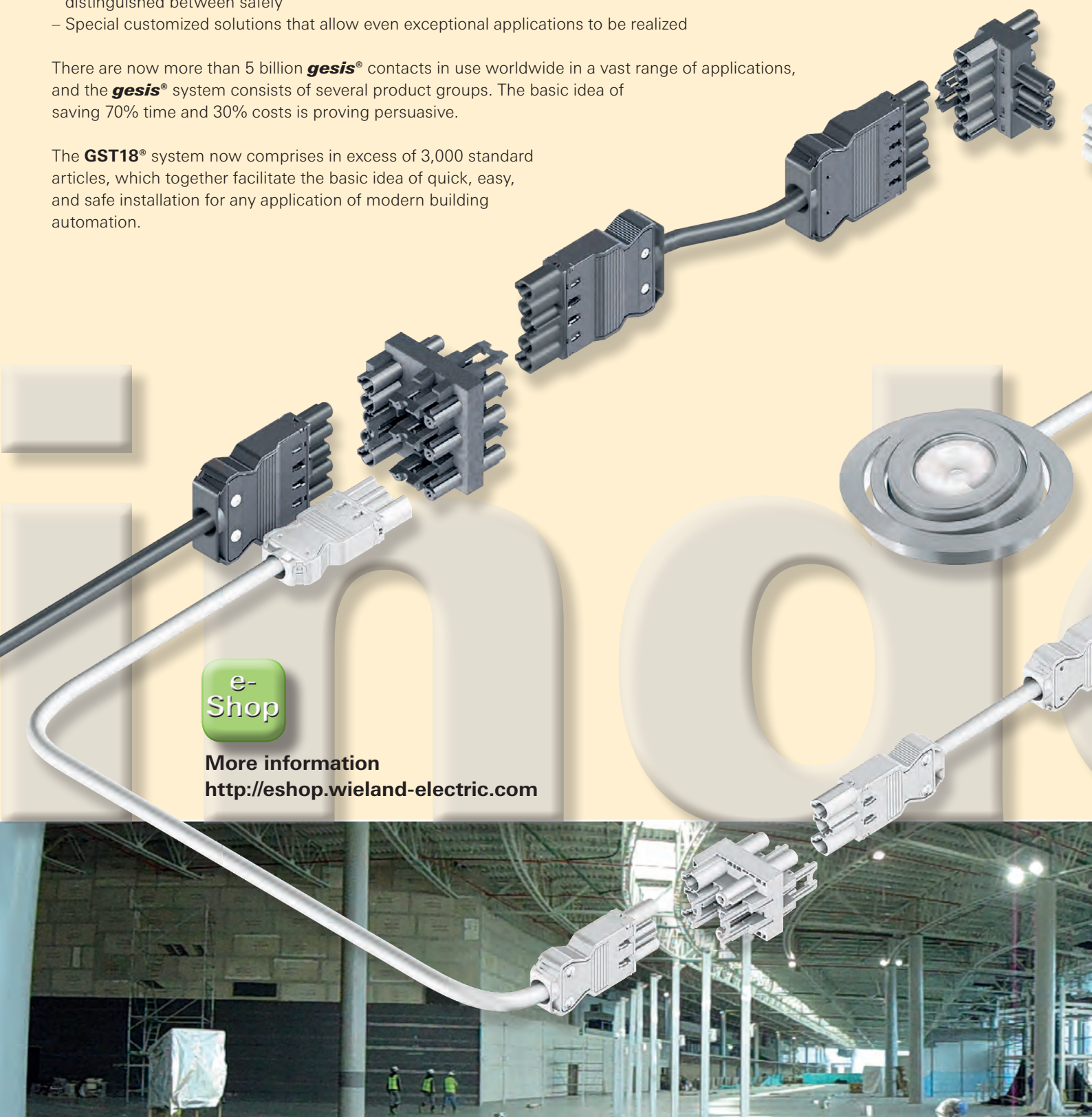
Over 35 years ago, the foundations were laid for a revolution in electrical installation with the predecessor of our current **GST18®** installation plug connector system. Time-consuming screw-type clamping units were replaced with robust, machined solid metal contacts that made it possible to connect and disconnect electrical consumers to and from the electrical installation quickly, easily, and safely.

Since then, Wieland Electric GmbH has set many standards in building installation:

- Active creation of a product norm that defines safety standards
- Expansion of the system to include plug connectors, device connectors, distribution blocks, and industrially fabricated and tested connection cables
- Establishment of a color and mechanical coding system so that different applications can be distinguished between safely
- Special customized solutions that allow even exceptional applications to be realized

There are now more than 5 billion **gesis®** contacts in use worldwide in a vast range of applications, and the **gesis®** system consists of several product groups. The basic idea of saving 70% time and 30% costs is proving persuasive.

The **GST18®** system now comprises in excess of 3,000 standard articles, which together facilitate the basic idea of quick, easy, and safe installation for any application of modern building automation.



e-Shop

More information
<http://eshop.wieland-electric.com>

Coding of GST18® connectors

GST18i3

Code 1	Code 2	Code 3	Code 4	Code 5	Code 6	Code 7
white black	pebble gray tomato red	salmon red	brown (oxide red)	pastel blue	turquoise blue	May green
Application Mains voltage	Application Mains voltage (UPS)	Application Mains voltage	Application Switching application	Application Dimming (e.g. DALI)	Application as per customer wishes	Application as per customer wishes

GST18i4

Code 1	Code 2	Code 3	Code 4
white black	pebble gray tomato red	turquoise blue	May green
Application Mains voltage	Application Mains voltage (UPS)	Application as per customer wishes	Application as per customer wishes

GST18i5


Code 1	Code 2	Code 3	Code 4	Code 5	Code 6
white black	pastel blue	pebble gray tomato red	May green	turquoise blue	light blue
Application Mains voltage	Application Dimming (e.g. DALI)	Application Mains voltage (UPS)	Application as per customer wishes	Application as per customer wishes	Application Low voltage (50 V)



Screw connectors

Solid wire cross-section: 0.75 – 2.5 mm²
Fine-stranded wire cross-section: 0.75 – 2.5 mm²
without ferrules
Rated voltage: 250 V or 250 / 400 V
Rated current: 20 A
Rated impulse voltage: 4 kV

Protection rating:
Approvals:
Screw connection:
Locking device for flying leads:
Sheath strip length:
Wire stripping length:

IP20, IP40 when plugged

1 connection per pole
see Accessories
38 mm (±), 31 mm
7 mm

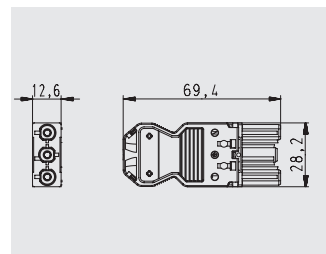


3 pole, cable diameter 6.5 – 10.5 mm, unassembled

Female connector
GST18i3 S B1 Z R1



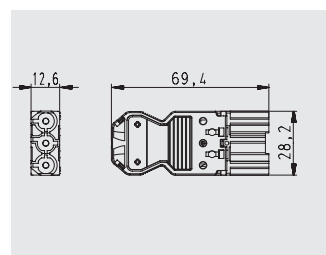
Color	Coding	Part No.	P. U.	Price
white	Code 1 N, PE, L	92.931.3053.0	50	
black		92.931.3053.1	50	
pebble gray	Code 2 N, PE, L	92.931.3453.0	50	
tomato red		92.931.3453.5	50	
salmon red	Code 3 N, PE, L	92.931.3653.0	50	
brown (oxide red)	Code 4 3/L, 2/N, 1	92.931.3853.0	50	
pastel blue	Code 5 3, 2, 1	on request		
May green	Code 7 2/N, PE, 1	92.931.3553.0	50	
turquoise blue	Code 6 3, 2, 1	92.931.4053.0	50	



Male connector
GST18i3 S S1 Z R1



Color	Coding	Part No.	P. U.	Price
white	Code 1 L, PE, N	92.932.3053.0	50	
black		92.932.3053.1	50	
pebble gray	Code 2 L, PE, N	92.932.3453.0	50	
tomato red		92.932.3453.5	50	
salmon red	Code 3 L, PE, N	92.932.3653.0	50	
brown (oxide red)	Code 4 1, 2/N, 3/L	92.932.3853.0	50	
pastel blue	Code 5 1, 2, 3	on request		
May green	Code 7 1, PE, 2/N	92.932.3553.0	50	
turquoise blue	Code 6 1, 2, 3	92.932.4053.0	50	

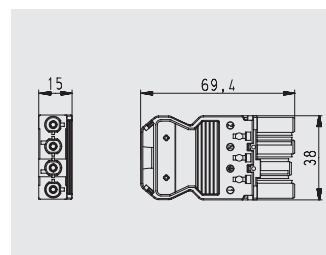


4 pole, cable diameter 7.1 – 12.0 mm, unassembled

Female connector
GST18i4 S B1 Z R1



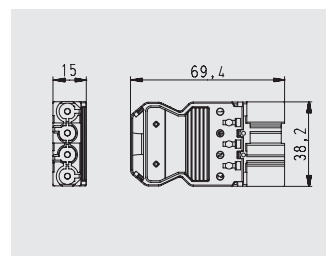
Color	Coding	Part No.	P. U.	Price
white	Code 1 2, N, PE, 1	92.943.3053.0	50	
black		92.943.3053.1	50	
pebble gray	Code 2 2, N, PE, 1	92.943.3553.0	50	
tomato red		92.943.3553.5	50	
May green	Code 4 3, 2/N, PE, 1	92.943.3253.0	50	
turquoise blue	Code 3 4, 3, 2/N, 1	92.943.3353.0	50	



Male connector
GST18i4 S S1 Z R1



Color	Coding	Part No.	P. U.	Price
white	Code 1 1, PE, N, 2	92.944.3053.0	50	
black		92.944.3053.1	50	
pebble gray	Code 2 1, PE, N, 2	92.944.3553.0	50	
tomato red		92.944.3553.5	50	
May green	Code 4 1, PE, 2/N, 3	92.944.3253.0	50	
turquoise blue	Code 3 1, 2/N, 3, 4	92.944.3353.0	50	

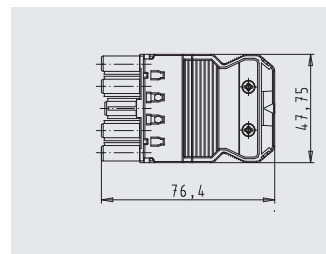


5 pole, cable diameter 8.5 – 12.5 mm, unassembled

Female connector
GST18i5 S B1 Z R1



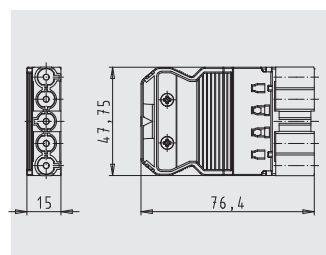
Color	Coding	Part No.	P. U.	Price
white	Code 1 3, N, PE, 2, 1	92.953.4053.0	50	
black		92.953.4053.1	50	
pebble gray	Code 3 3, N, PE, 2, 1	92.953.4553.0	50	
tomato red		92.953.4553.5	50	
pastel blue	Code 2 L, N, PE, D2, D1	92.953.4453.0	50	
May green	Code 4 4, 3/N, PE, 2, 1	92.953.4253.0	50	
turquoise blue	Code 5 5, 4/N, 3, 2, 1	92.953.4353.0	50	
light blue (50 V)	Code 6 5, 4, 3, 2, 1	92.953.4153.0	50	



Male connector
GST18i5 S S1 Z R1



Color	Coding	Part No.	P. U.	Price
white	Code 1 1, 2, PE, N, 3	92.954.4053.0	50	
black		92.954.4053.1	50	
pebble gray	Code 3 1, 2, PE, N, 3	92.954.4553.0	50	
tomato red		92.954.4553.5	50	
pastel blue	Code 2 D1, D2, PE, N, L	92.954.4453.0	50	
May green	Code 4 1, 2, PE, 3/N, 4	92.954.4253.0	50	
turquoise blue	Code 5 1, 2, 3, 4/N, 5	92.954.4353.0	50	
light blue (50 V)	Code 6 1, 2, 3, 4, 5	92.954.4153.0	50	




Delivery packaging: unassembled; preassembled connectors available on request

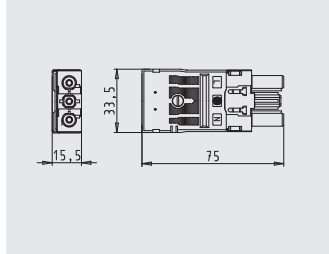
Spring-loaded connectors



Solid wire cross-section: 1.5 – 2.5 mm²
 Fine-stranded wire cross-section: 1.5 mm²
 with ferrules
 Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV

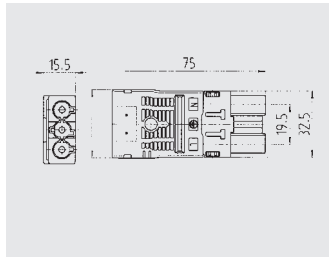
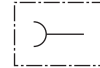
Protection rating:
 Approvals:
 Spring clamp connection:
 Locking device for flying leads:
 Sheath strip length:
 Wire stripping length:

IP20, IP40 when plugged

 2 connections per pole
 see Accessories
 52 mm (⊕), 45 mm
 9 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	92.933.0053.0	50
black			92.933.0053.1	50
pebble gray	Code 2	N, PE, L	92.933.0153.0	50
tomato red			92.933.0153.5	50
salmon red	Code 3	N, PE, L	92.933.0553.0	50
brown (oxide red)	Code 4	3/L, 2/N, 1	92.933.0453.0	50
May green	Code 7	2/N, PE, 1	92.933.0753.0	50
turquoise blue	Code 6	3, 2, 1	92.933.0653.0	50

Female connector
 GST18i3 F B2 Z R1

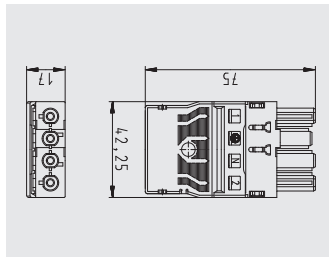


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	92.934.0053.0	50
black			92.934.0053.1	50
pebble gray	Code 2	L, PE, N	92.934.0153.0	50
tomato red			92.934.0153.5	50
salmon red	Code 3	L, PE, N	92.934.0553.0	50
brown (oxide red)	Code 4	1, 2/N, 3/L	92.934.0453.0	50
May green	Code 7	1, PE, 2/N	92.934.0753.0	50
turquoise blue	Code 6	1, 2, 3	92.934.0653.0	50

Male connector
 GST18i3 F S2 Z R1

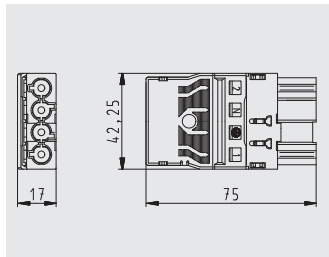
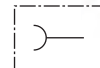


4 pole, cable diameter 9.5 – 11.5 mm, unassembled



Color	Coding	Part No.	P. U.	Price
white	Code 1	2, N, PE, 1	92.943.0053.0	50
black			92.943.0053.1	50
pebble gray	Code 2	2, N, PE, 1	92.943.0153.0	50
tomato red			92.943.0153.5	50
May green	Code 4	3, 2/N, PE, 1	92.943.0353.0	50
turquoise blue	Code 3	4, 3, 2/N, 1	92.943.0453.0	50

Female connector
 GST18i4 F B2 Z R1



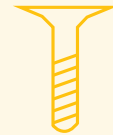
Color	Coding	Part No.	P. U.	Price
white	Code 1	1, PE, N, 2	92.944.0053.0	50
black			92.944.0053.1	50
pebble gray	Code 2	1, PE, N, 2	92.944.0153.0	50
tomato red			92.944.0153.5	50
May green	Code 4	1, PE, 2/N, 3	92.944.0353.0	50
turquoise blue	Code 3	1, 2/N, 3, 4	92.944.0453.0	50

Male connector
 GST18i4 F S2 Z



GST18i3

GST18i4



Device connectors with screw connection

Solid wire cross-section: 0.75 – 4 mm²
 Fine-stranded wire cross-section: 0.75 – 4 mm²
 Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV

Approvals:
 Screw connection:
 Locking device:
 Wire stripping length 0.5 – 1.5 mm²:
 Wire stripping length 2.5 mm²:

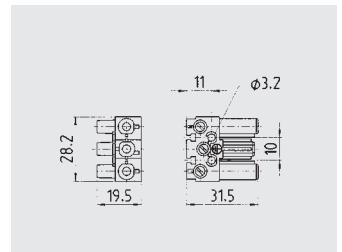
1 connection per pole, without strain relief
 see Accessories
 8 mm
 9 mm

3 pole

Female connector
GST18i3 S B1



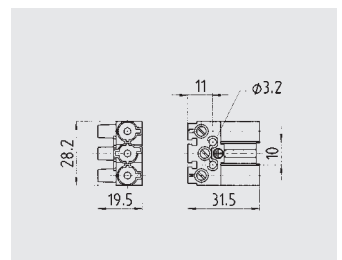
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	92.031.3258.0	200
black			92.031.3258.1	200
pebble gray	Code 2	N, PE, L	92.031.3458.0	200
tomato red			92.031.3458.5	200
salmon red	Code 3	N, PE, L	92.031.3658.0	200
brown (oxide red)	Code 4	3/L, 2/N, 1	92.031.3858.0	200
pastel blue	Code 5	3, 2, 1	92.031.3758.0	200
May green	Code 7	2/N, PE, 1	92.031.3558.0	200
turquoise blue	Code 6	3, 2, 1	92.031.3958.0	200



Male connector
GST18i3 S S1



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	92.032.3358.0	200
black			92.032.3358.1	200
pebble gray	Code 2	L, PE, N	92.032.3458.0	200
tomato red			92.032.3458.5	200
salmon red	Code 3	L, PE, N	92.032.3658.0	200
brown (oxide red)	Code 4	1, 2/N, 3/L	92.032.3858.0	200
pastel blue	Code 5	1, 2, 3	92.032.3758.0	200
May green	Code 7	1, PE, 2/N	92.032.3558.0	200
turquoise blue	Code 6	1, 2, 3	92.032.3958.0	200

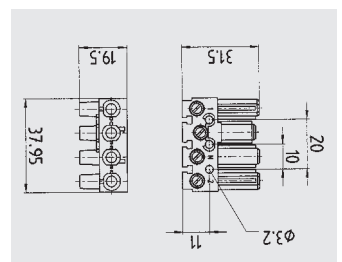


4 pole

Female connector
GST18i4 S B1



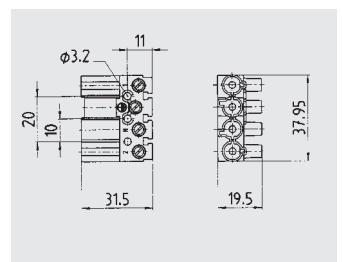
Color	Coding	Part No.	P. U.	Price
white	Code 1	2, N, PE, 1	92.041.3253.0	100
black			92.041.3253.1	100
pebble gray	Code 2	2, N, PE, 1	92.041.3453.0	100
tomato red			92.041.3453.5	100
May green	Code 4	3, 2/N, PE, 1	92.041.3553.0	100
turquoise blue	Code 3	4, 3, 2/N, 1	92.041.3953.0	100



Male connector
GST18i4 S S1



Color	Coding	Part No.	P. U.	Price
white	Code 1	1, PE, N, 2	92.042.3353.0	100
black			92.042.3353.1	100
pebble gray	Code 2	1, PE, N, 2	92.042.3453.0	100
tomato red			92.042.3453.5	100
May green	Code 4	1, PE, 2/N, 3	92.042.3553.0	100
turquoise blue	Code 3	1, 2/N, 3, 4	92.042.3953.0	100

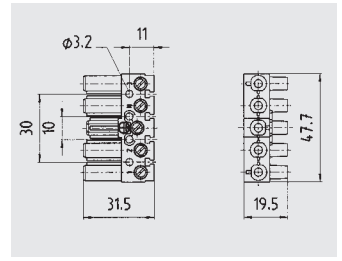


5 pole

Female connector
GST18i5 S B1



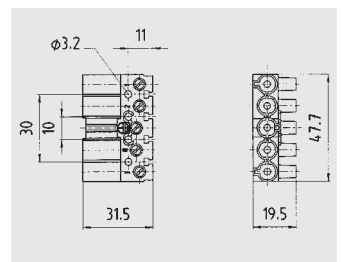
Color	Coding	Part No.	P. U.	Price
white	Code 1	3, N, PE, 2, 1	92.051.3253.0	100
black			92.051.3253.1	100
pebble gray	Code 3	3, N, PE, 2, 1	92.051.3453.0	100
tomato red			92.051.3453.5	100
pastel blue	Code 2	L, N, PE, D2, D1	92.051.3753.0	100
May green	Code 4	4, 3/N, PE, 2, 1	92.051.3553.0	100
turquoise blue	Code 5	5, 4/N, 3, 2, 1	92.051.3953.0	100
light blue (50 V)	Code 6	5, 4, 3, 2, 1	92.051.3153.0	100



Male connector
GST18i5 S S1



Color	Coding	Part No.	P. U.	Price
white	Code 1	1, 2, PE, N, 3	92.052.3353.0	100
black			92.052.3353.1	100
pebble gray	Code 3	1, 2, PE, N, 3	92.052.3453.0	100
tomato red			92.052.3453.5	100
pastel blue	Code 2	D1, D2, PE, N, L	92.052.3753.0	100
May green	Code 4	1, 2, PE, 3/N, 4	92.052.3553.0	100
turquoise blue	Code 5	1, 2, 3, 4/N, 5	92.052.3953.0	100
light blue (50 V)	Code 6	1, 2, 3, 4, 5	92.052.3153.0	100



GST18i3

GST18i4

GST18i5

Snap-in with spring clamp connection

Solid wire cross-section:

0.5 – 2.5 mm²

Fine-stranded wire cross-section:

0.5 – 1.5 mm²

Rated voltage:

250 V or 250 / 400 V

Rated current:

20 A

Rated impulse voltage:

4 kV

Protection rating:

IP20, IP40 when plugged

Approvals:

Spring clamp connection:

2 connections per pole

Locking device:

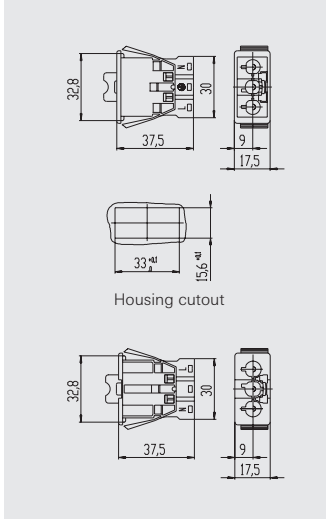
integrated

Wire stripping length 0.5 – 1.5 mm²: 8 mm

Wire stripping length 2.5 mm²: 9 mm

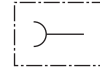


3 pole, housing material thickness 0.5 – 1.5 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	92.031.9658.0	100
black			92.031.9658.1	100
pebble gray	Code 2	N, PE, L	92.031.9758.0	100
tomato red			92.031.9758.5	100
salmon red	Code 3	N, PE, L	92.031.8558.0	100
brown (oxide red)	Code 4	3/L, 2/N, 1	92.031.8458.0	100
May green	Code 7	2/N, PE, 1	92.031.8058.0	100
turquoise blue	Code 6	3, 2, 1	92.031.8258.0	100

Female connector
GST18i3 F B2 RV

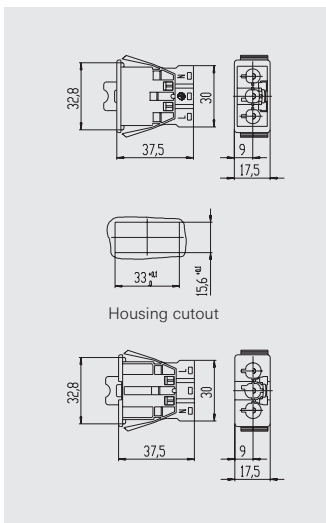


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	92.032.9658.0	100
black			92.032.9658.1	100
pebble gray	Code 2	L, PE, N	92.032.9758.0	100
tomato red			92.032.9758.5	100
salmon red	Code 3	L, PE, N	92.032.8558.0	100
brown (oxide red)	Code 4	1, 2/N, 3/L	92.032.8458.0	100
May green	Code 7	1, PE, 2/N	92.032.8058.0	100
turquoise blue	Code 6	1, 2, 3	92.032.8258.0	100

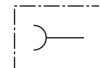
Male connector
GST18i3 F S2 RV



3 pole, housing material thickness 1.5 – 2.5 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	92.031.7658.0	100
black	Code 1	N, PE, L	92.031.7658.1	100

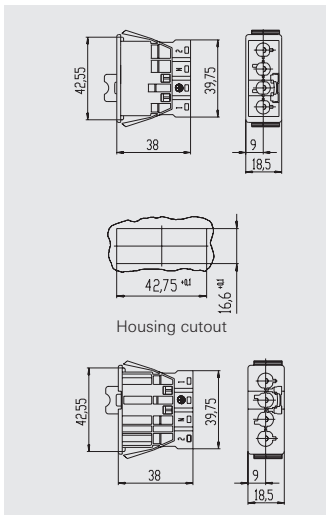


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	92.032.7658.0	100
black	Code 1	L, PE, N	92.032.7658.1	100

Male connector
GST18i3 F S2 REV



4 pole, housing material thickness 0.5 – 1.5 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	2, N, PE, 1	92.041.9658.0	100
black			92.041.9658.1	100
pebble gray	Code 2	2, N, PE, 1	92.041.9758.0	100
tomato red			92.041.9758.5	100
May green	Code 4	3, 2/N, PE, 1	92.041.8058.0	100
turquoise blue	Code 3	4, 3, 2/N, 1	92.041.8258.0	100

Female connector
GST18i4 F B2 Z RV



Color	Coding	Part No.	P. U.	Price
white	Code 1	1, PE, N, 2	92.042.9658.0	100
black			92.042.9658.1	100
pebble gray	Code 2	1, PE, N, 2	92.042.9758.0	100
tomato red			92.042.9758.5	100
May green	Code 4	1, PE, 2/N, 3	92.042.8058.0	100
turquoise blue	Code 3	1, 2/N, 3, 4	92.042.8258.0	100

Male connector
GST18i4 F S2 Z RV



GST18i3

GST18i4

Snap-in with spring clamp connection



Solid wire cross-section: 0.5 – 2.5 mm² **Protection rating:** IP20, IP40 when plugged
Fine-stranded wire cross-section: 0.5 – 1.5 mm² **Approvals:** **Wire stripping length 0.5 – 1.5 mm²:** 8 mm
with ferrules **Spring clamp connection:** 2 connections per pole
Rated voltage: 250 V or 250 / 400 V **Locking device:** integrated
Rated current: 20 A **Wire stripping length 0.5 – 1.5 mm²:** 8 mm
Rated impulse voltage: 4 kV **Wire stripping length 2.5 mm²:** 9 mm

5 pole, housing material thickness 0.5 – 1.5 mm

Female connector
GST18i5 F B2 RV

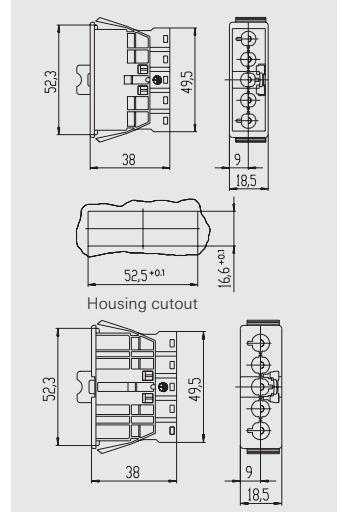


Color		Coding	Part No.	P. U.	Price
white		Code 1	3, N, PE, 2, 1	92.051.9658.0	100
black				92.051.9658.1	100
pebble gray		Code 3	3, N, PE, 2, 1	92.051.9758.0	100
tomato red				92.051.9758.5	100
pastel blue		Code 2	L, N, PE, D2, D1	92.051.8658.0	100
May green		Code 4	4, 3/N, PE, 2, 1	92.051.8058.0	100
turquoise blue		Code 5	5, 4/N, 3, 2, 1	92.051.8258.0	100
light blue (50 V)		Code 6	5, 4, 3, 2, 1	92.051.8358.0	100

Male connector
GST18i5 F S2 RV



Color		Coding	Part No.	P. U.	Price
white		Code 1	1, 2, PE, N, 3	92.052.9658.0	100
black				92.052.9658.1	100
pebble gray		Code 3	1, 2, PE, N, 3	92.052.9758.0	100
tomato red				92.052.9758.5	100
pastel blue		Code 2	D1, D2, PE, N, L	92.052.8658.0	100
May green		Code 4	1, 2, PE, 3/N, 4	92.052.8058.0	100
turquoise blue		Code 5	1, 2, 3, 4/N, 5	92.052.8258.0	100
light blue (50 V)		Code 6	1, 2, 3, 4, 5	92.052.8358.0	100



Snap-in with screw connection

Solid wire cross-section:

0.5 – 2.5 mm²

Fine-stranded wire cross-section:

0.5 – 1.5 mm²

Rated voltage:

250 V or 250 / 400 V

Rated current:

20 A

Rated impulse voltage:

4 kV

Protection rating:

IP20, IP40 when plugged

Approvals:



Spring clamp connection:

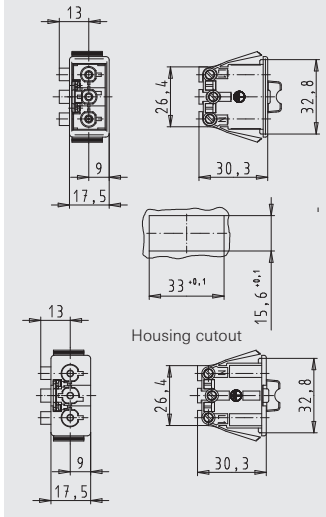
1 connections per pole integrated

Locking device:

Wire stripping length 0.5 – 1.5 mm²: 8 mm

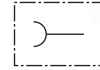
Wire stripping length 2.5 mm²: 9 mm

3 pole, housing material 0.5 – 1.5 mm



Color	Coding	Part No.	P. U.	Price
white		92.031.8758.0	100	
black	Code 1 N, PE, L	92.031.8758.1	100	

Female connector
GST18i3 B B1 RV

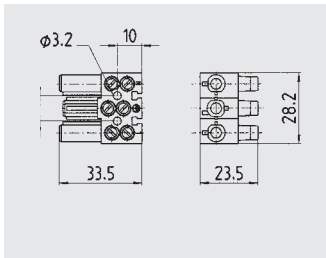


Color	Coding	Part No.	P. U.	Price
white		92.032.8758.0	100	
black	Code 1 L, PE, N	92.032.8758.1	100	

Male connector
GST18i3 S S1 RV



3 pole, double screw connection

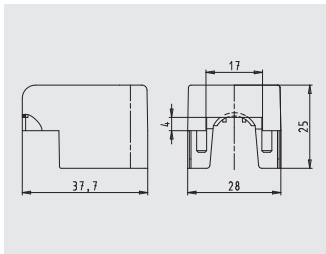


Color	Coding	Part No.	P. U.	Price
white		92.031.4453.0	100	
black	Code 1 N, PE, L	92.031.4453.1	100	
pebble gray	Code 2 N, PE, L	92.031.4853.0	100	
salmon red	Code 3 N, PE, L	92.031.4953.0	100	

Female connector
GST18i3 SB B2 + Farbe



3 pole, strain relief for device connectors with screw connection



Color	Coding	Part No.	P. U.	Price
white		99.004.8210.0	100	
black		99.005.8210.0	100	

Strain relief



Solder connector, vertical

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Locating pins:
 Locking device:
 Solder fixation in PC board:

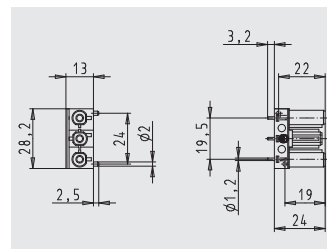
yes
 optional, snaps into position, see Accessories
 for solder paste mask see Technical Data

3 pole, solder pin length = 3.2 mm

Female connector
GST18i3 L B1 V



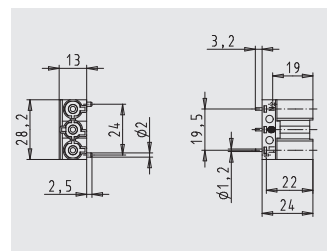
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	92.031.0058.0	100
black			92.031.0058.1	100
pebble gray	Code 2	N, PE, L	92.031.0158.0	100
tomato red			92.031.0158.5	100
salmon red	Code 3	N, PE, L	92.031.0758.0	100
brown (oxide red)	Code 4	3/L, 2/N, 1	on request	
pastel blue	Code 5	3, 2, 1	92.031.0458.0	100
May green	Code 7	2/N, PE, 1	on request	
turquoise blue	Code 6	3, 2, 1	on request	



Male connector
GST18i3 L S1 V



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	92.032.0058.0	100
black			92.032.0058.1	100
pebble gray	Code 2	L, PE, N	92.032.0158.0	100
tomato red			92.032.0158.5	100
salmon red	Code 3	L, PE, N	on request	
brown (oxide red)	Code 4	1, 2/N, 3/L	92.032.0658.0	100
pastel blue	Code 5	1, 2, 3	92.032.0458.0	100
May green	Code 7	1, PE, 2/N	on request	
turquoise blue	Code 6	1, 2, 3	on request	

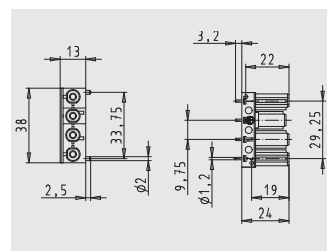


4 pole, solder pin length = 3.2 mm

Female connector
GST18i4 L B1 V



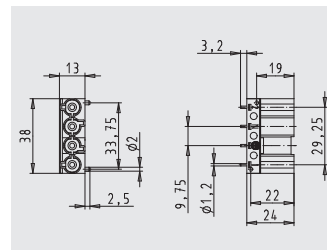
Color	Coding	Part No.	P. U.	Price
white	Code 1	2, N, PE, 1	92.041.0058.0	100
black			92.041.0058.1	100
pebble gray	Code 2	2, N, PE, 1	92.041.0158.0	100
tomato red			92.041.0158.5	100
May green	Code 4	3, 2/N, PE, 1	on request	
turquoise blue	Code 3	4, 3, 2/N, 1	on request	



Male connector
GST18i4 L S1 V



Color	Coding	Part No.	P. U.	Price
white	Code 1	1, PE, N, 2	92.042.0058.0	100
black			92.042.0058.1	100
pebble gray	Code 2	1, PE, N, 2	92.042.0158.0	100
tomato red			92.042.0158.5	100
May green	Code 4	1, PE, 2/N, 3	on request	
turquoise blue	Code 3	1, 2/N, 3, 4	on request	

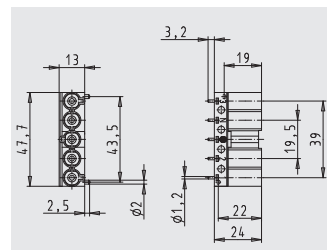


5 pole, solder pin length = 3.2 mm

Female connector
GST18i5 L B1 V



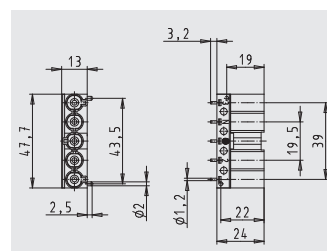
Color	Coding	Part No.	P. U.	Price
white	Code 1	3, N, PE, 2, 1	92.051.0058.0	100
black			92.051.0058.1	100
pebble gray	Code 3	3, N, PE, 2, 1	on request	
tomato red			on request	
pastel blue	Code 2	L, N, PE, D2, D1	92.051.0458.0	100
May green	Code 4	4, 3/N, PE, 2, 1	on request	
turquoise blue	Code 5	5, 4/N, 3, 2, 1	on request	
light blue (50 V)	Code 6	5, 4, 3, 2, 1	92.051.0258.0	100



Male connector
GST18i5 L S1 V



Color	Coding	Part No.	P. U.	Price
white	Code 1	1, 2, PE, N, 3	92.052.0058.0	100
black			92.052.0058.1	100
pebble gray	Code 3	1, 2, PE, N, 3	on request	
tomato red			on request	
pastel blue	Code 2	D1, D2, PE, N, L	92.052.0458.0	100
May green	Code 4	1, 2, PE, 3/N, 4	on request	
turquoise blue	Code 5	1, 2, 3, 4/N, 5	on request	
light blue (50 V)	Code 6	1, 2, 3, 4, 5	92.052.0258.0	100




Solder connector, horizontal

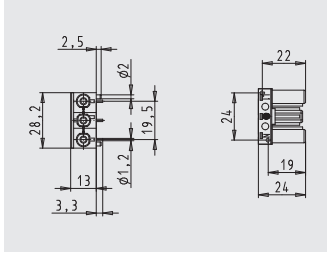
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

250 V or 250 / 400 V
20 A
4 kV
IP20, IP40 when plugged

Approvals:
Locating pins:
Locking device:
Solder fixation in PC board:

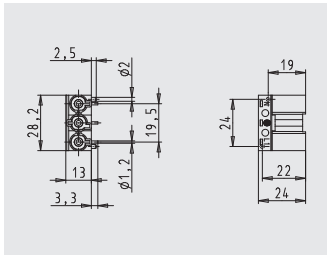
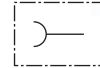
 **yes**
optional, snaps into position, see Accessories
for solder paste mask see Technical Data

3 pole, solder pin length = 3.3 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	92.033.0058.0	100
black			92.033.0058.1	100
pebble gray	Code 2	N, PE, L	92.033.0158.0	100
tomato red			92.033.0158.5	100
salmon red	Code 3	N, PE, L	92.033.0758.0	100
brown (oxide red)	Code 4	3/L, 2/N, 1	on request	
pastel blue	Code 5	3, 2, 1	92.033.0458.0	100
May green	Code 7	2/N, PE, 1	on request	
turquoise blue	Code 6	1, 2, 3	on request	

Female connector
GST18i3 L B1 H

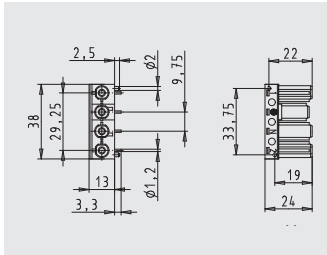


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	92.034.0058.0	100
black			92.034.0058.1	100
pebble gray	Code 2	L, PE, N	92.034.0158.0	100
tomato red			92.034.0158.5	100
salmon red	Code 3	L, PE, N	on request	
brown (oxide red)	Code 4	1, 2/N, 3/L	92.034.0658.0	100
pastel blue	Code 5	1, 2, 3	92.034.0458.0	100
May green	Code 7	1, PE, 2/N	on request	
turquoise blue	Code 6	1, 2, 3	on request	

Male connector
GST18i3 L S1 H

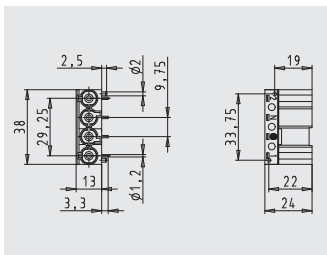
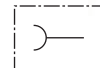


4 pole, solder pin length = 3.3 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	2, N, PE, 1	92.043.0058.0	100
black			92.043.0058.1	100
pebble gray	Code 2	2, N, PE, 1	92.043.0158.0	100
tomato red			92.043.0158.5	100
May green	Code 4	3, 2/N, PE, 1	on request	
turquoise blue	Code 3	4, 3, 2/N, 1	on request	

Female connector
GST18i4 L B1 H

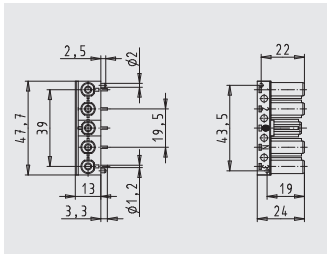


Color	Coding	Part No.	P. U.	Price
white	Code 1	1, PE, N, 2	92.044.0058.0	100
black			92.044.0058.1	100
pebble gray	Code 2	1, PE, N, 2	92.044.0158.0	100
tomato red			92.044.0158.5	100
May green	Code 4	1, PE, 2/N, 3	on request	
turquoise blue	Code 3	1, 2/N, 3, 4	on request	

Male connector
GST18i4 L S1 H

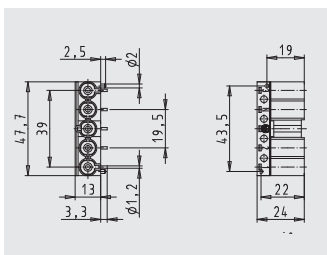
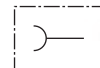


5 pole, solder pin length = 3.3 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	3, N, PE, 2, 1	92.053.0058.0	100
black			92.053.0058.1	100
pebble gray	Code 3	3, N, PE, 2, 1	on request	
tomato red			on request	
pastel blue	Code 2	L, N, PE, D2, D1	92.053.0458.0	100
May green	Code 4	4, 3/N, PE, 2, 1	on request	
turquoise blue	Code 5	5, 4/N, 3, 2, 1	on request	
light blue (50 V)	Code 6	5, 4, 3, 2, 1	92.053.0258.0	100

Female connector
GST18i5 L B1 H



Color	Coding	Part No.	P. U.	Price
white	Code 1	1, 2, PE, N, 3	92.054.0058.0	100
black			92.054.0058.1	100
pebble gray	Code 3	1, 2, PE, N, 3	on request	
tomato red			on request	
pastel blue	Code 2	D1, D2, PE, N, L	92.054.0458.0	100
May green	Code 4	1, 2, PE, 3/N, 4	on request	
turquoise blue	Code 5	1, 2, 3, 4/N, 5	on request	
light blue (50 V)	Code 6	1, 2, 3, 4, 5	92.054.0258.0	100

Male connector
GST18i5 L S1 H



GST18i3

GST18i4

GST18i5

T distributors

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

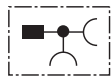
Approvals:



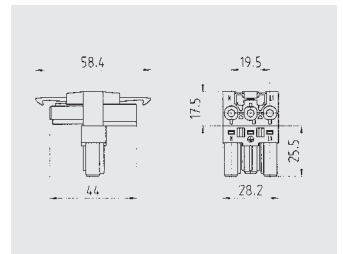
Locking device for vertical output has to be ordered separately

3 pole, locking device on both sides on feed-through level

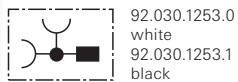
T distributor
GST18i3V 2P1 T V



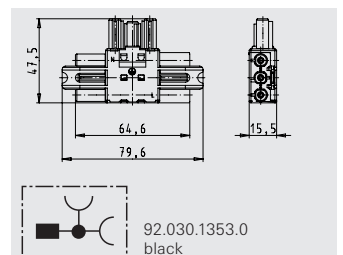
Color	Coding	Outputs	Part No.	P. U.	Price
white	■	Code 1	2	92.030.1053.0	100
black	■	Code 1	2	92.030.1053.1	100



T distributor, flat
GST18i3V 2P1 T V SW

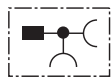


Color	Coding	Outputs	Part No.	P. U.	Price
white	■	Code 1	2	92.030.1253.0	100
black	■	Code 1	2	92.030.1253.1	100
black	■	Code 1	2	92.030.1353.0	100

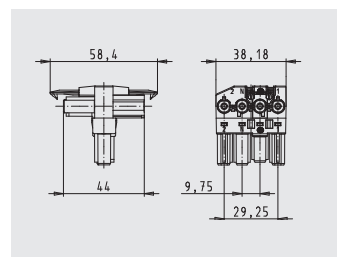


4 pole, locking device on both sides on feed-through level

T distributor
GST18i4V 2P1 T V

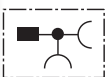


Color	Coding	Outputs	Part No.	P. U.	Price
white	■	Code 1	2	92.040.1053.0	100
black	■	Code 1	2	92.040.1053.1	100
pebble gray	■	Code 2	2	92.040.1153.0	100
tomato red	■	Code 2	2	92.040.1153.5	100

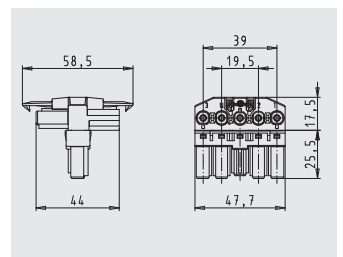


5 pole, locking device on both sides on feed-through level

T distributor
GST18i5V 2P1 T V

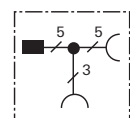


Color	Coding	Outputs	Part No.	P. U.	Price
white	■	Code 1	2	92.050.1053.0	100
black	■	Code 1	2	92.050.1053.1	100
pastel blue	■	Code 2	2	92.050.1453.0	100

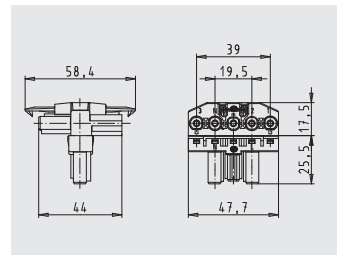


5 pole, with phase selection, locking device on both sides on feed-through level

T distributor
GST18i5V 2AT1 V



Color	Coding	Outputs	Part No.	P. U.	Price
white, L1	■	Code 1	2	92.050.4153.0	100
black, L1	■	Code 1	2	92.050.4153.1	100
white, L2	■	Code 1	2	92.050.4253.0	100
black, L2	■	Code 1	2	92.050.4253.1	100
white, L3	■	Code 1	2	92.050.4353.0	100
black, L3	■	Code 1	2	92.050.4353.1	100



T distributors

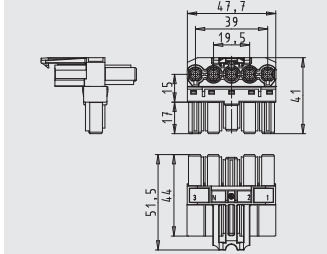
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:



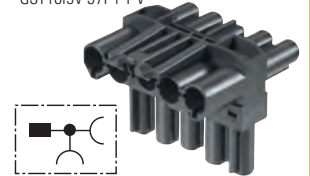
Locking device for vertical output has to be ordered separately

5 pole, locking device on one side on feed-through level, direct serial connection option

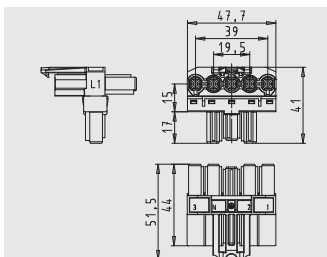


Color	Coding	Outputs	Part No.	P. U.	Price
black	Code 1	2	99.470.5772.2	10	

T distributor
GST18i5V 37P1 T V

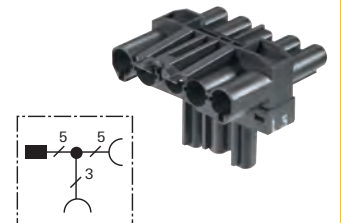


5 pole, with phase selection, locking device on one side on feed-through level, direct serial connection option



Color	Coding	Outputs	Part No.	P. U.	Price
black, L1	Code 1	2	99.420.5772.2	10	
black, L2	Code 1	2	99.421.5772.2	10	
black, L3	Code 1	2	99.422.5772.2	10	

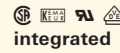
T distributor
GST18i5V 211 T



Distribution units

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Locking device: integrated

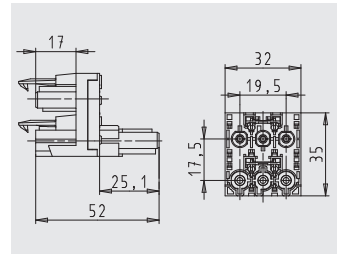


3 pole, locking device integrated on one side

h distributor
 GST18i3 2P1H



Color	Coding	Outputs	Part No.	P. U.	Price
white	Code 1	2	92.030.6053.0	100	
black	Code 1	2	92.030.6053.1	100	

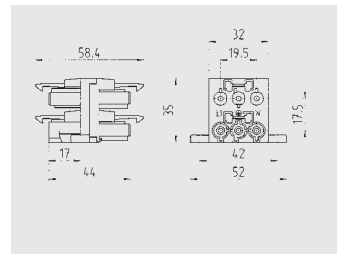


3 pole, with mounting option

H distributor
 GST18i3V 3P1 F V



Color	Inputs	Outputs	Part No.	P. U.	Price
white	1, male	3, female	92.030.4853.0	100	
black	1, male	3, female	92.030.4853.1	100	
pebble gray			on request		
tomato red			on request		
pastel blue			on request		
May green			on request		
turquoise blue			on request		

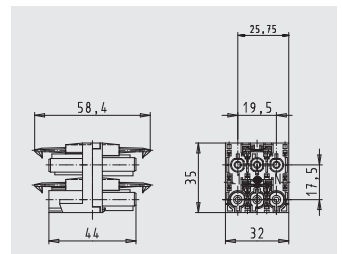


3 pole, without mounting option

H distributor
 GST18i3V 3P1 F V




Color	Inputs	Outputs	Part No.	P. U.	Price
white	1, male	3, female	92.030.4953.0	100	
black	1, male	3, female	92.030.4953.1	100	
pebble gray			on request		
tomato red			on request		
pastel blue			on request		
May green			on request		
turquoise blue			on request		

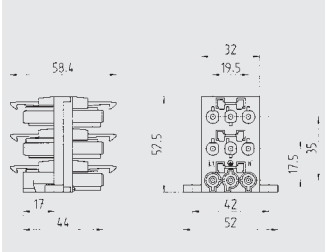


Distribution units

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

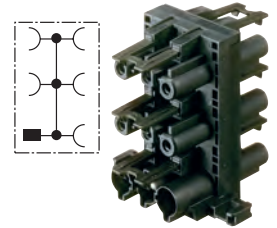
Approvals: 
 Locking device: integrated

3 pole, with mounting option

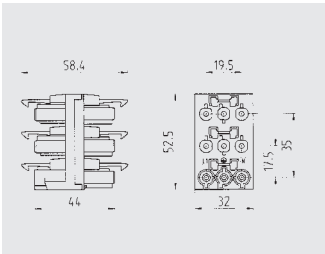


Color	Inputs	Outputs	Part No.	P. U.	Price
white	1, male	5, female	92.030.5353.0	100	
black	1, male	5, female	92.030.5353.1	100	

HH distributor
GST18i3V 5P1 F V

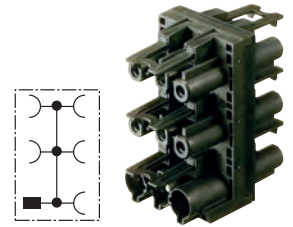


3 pole, without mounting option

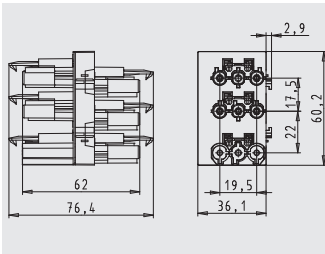


Color	Inputs	Outputs	Part No.	P. U.	Price
white	1, male	5, female	92.030.5253.0	100	
black	1, male	5, female	92.030.5253.1	100	

HH distributor
GST18i3V 5P1 V



3 pole, with mounting option



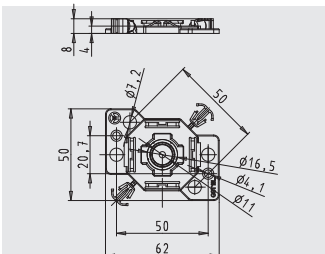
Color	Switching options	Part No.	P. U.	Price
black	On/off	92.030.0053.1	20	
black	Motion detector	92.030.0153.1	20	
black	Two-way circuit	92.030.0253.1	20	
black	Series circuit	92.030.0353.1	20	

HH switching distributor*
GST18i3



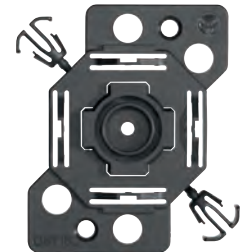
* For connection diagrams see Technical Data

GST18 distributor mounting plate for switching distributors



Color	Part No.	P. U.	Price
black	07.413.6853.1	50	

Mounting plate
GST18



Distribution units

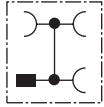
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged



Approvals:
 Locking device:

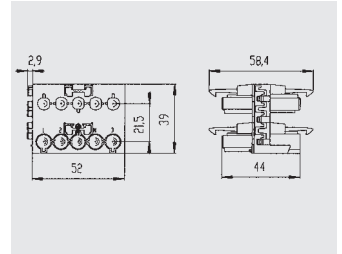
 integrated in product

5 pole, mounting option with separate mounting plate

H distributor
 GST18i5V 3P1 V

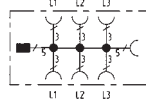





Color	Coding	Outputs	Part No.	P. U.	Price
white			92.050.0353.0	60	
black		Code 1	3	92.050.0353.1	60
pastel blue		Code 2	3	92.050.1853.0	60

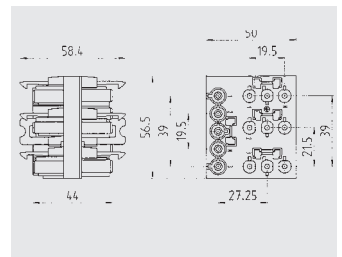


5 pole, with phase selection, mounting option with mounting plate

Phase selection distributor
 GST18i5V 37A1 V



Color	Coding	Outputs	Part No.	P. U.	Price
white			92.050.0153.0	100	
black		Code 1	7	92.050.0153.1	100
pebble gray		Code 3	on request		
tomato red			on request		

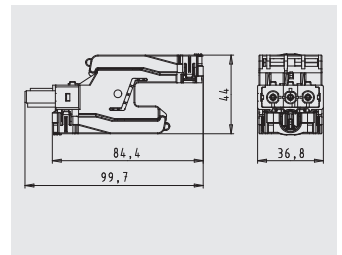


3 pole, for easy integration in existing installations

IDC adapter
 GST18i3

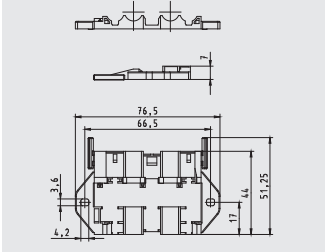


Color	Coding	Outputs	Part No.	P. U.	Price
white		Code 1	1	92.731.6053.0	50



Mounting material

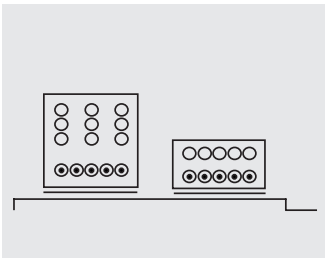
Supporting plate for 5 pole, 5/3 pole distribution block, for screw attachment



Color		Part No.	P. U.	Price
white		07.413.5453.0	100	
black		07.413.5453.1	100	

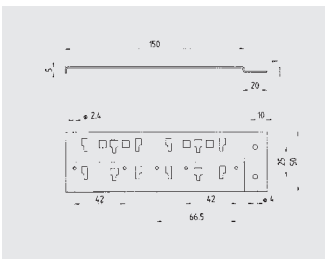


Supporting plate for distribution blocks, for snap-in into mounting sheet



Color		Part No.	P. U.	Price
white		07.413.5553.0	100	
black		07.413.5553.1	100	


Mounting sheet for distribution blocks



Color		Part No.	P. U.	Price
metal		05.562.3612.0	50	

Intermediate couplings

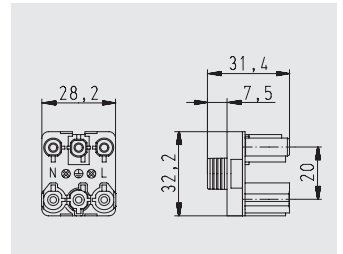
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals: 
 Locking device: see Accessories

3 pole, with locking option, without mounting option

Intermediate coupling
GST18i3Z 1P1

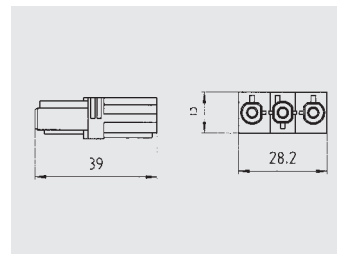
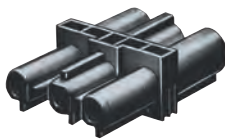
Color	Inputs	Outputs	Part No.	P. U.	Price
white	1, male	1, female	92.030.5853.0	100	



3 pole, without locking option

Intermediate coupling
GST18i3Z 1P1

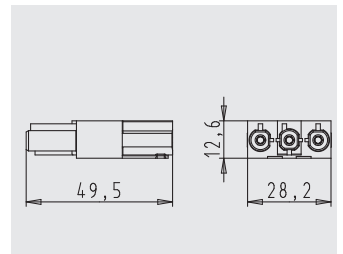
Color	Inputs	Outputs	Part No.	P. U.	Price
white	1, male	1, female	92.030.5958.0	100	
black	1, male	1, female	92.030.5958.1	100	



3 pole, with locking option

Intermediate coupling
GST18i3Z 1P1

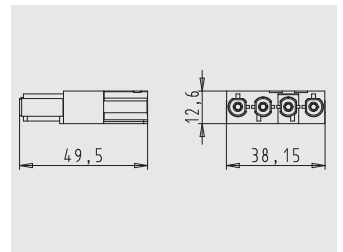
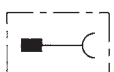
Color	Inputs	Outputs	Part No.	P. U.	Price
black	1, male	1, female	99.452.9910.0	100	



4 pole, with locking option

Intermediate coupling
GST18i4Z 1P1

Color	Inputs	Outputs	Part No.	P. U.	Price
black	1, male	1, female	99.453.9910.0	100	

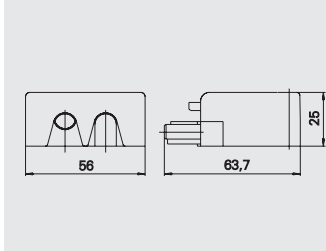


Combined connectors, combined solder parts

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

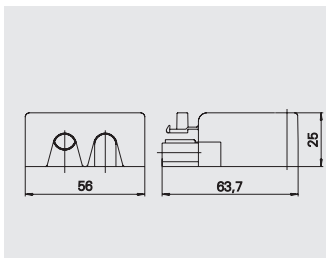
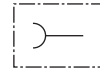
Approvals: 
 Screw connection: 
 1 connection per pole,
 Connection cross-section 2 x GST18i3

6 pole, cable diameter 10.0 – 12.0 mm (2x), integrated locking device, removable manually



Color	Coding	Part No.	P. U.	Price
black/pastel blue	Code 1	92.969.0158.1	100	

Female
 GST18i6 S B1 NZR1 V

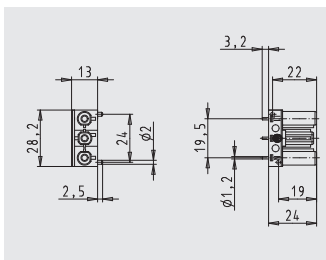


Color	Coding	Part No.	P. U.	Price
black/pastel blue	Code 1	92.968.0158.1	100	

Male
 GST18i6 S S1 NZR1 V

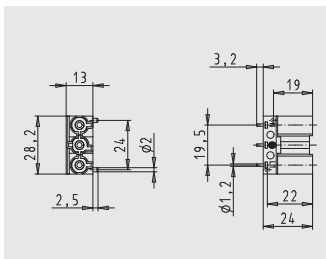
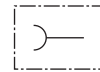


6 pole, vertical 2 x 3 pole, solder pin length = 3.2 mm



Color	Coding	Part No.	P. U.	Price
black/pastel blue	N, PE, L 3, 2, 1	92.031.0058.1 92.031.0458.0	100 100	

Female
 2x GST18i3 L B1 V

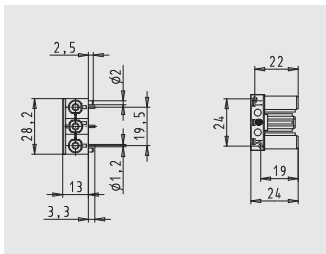


Color	Coding	Part No.	P. U.	Price
black/pastel blue	L, PE, N 1, 2, 3	92.032.0058.1 92.032.0458.0	100 100	

Male
 2x GST18i3 L S1 V

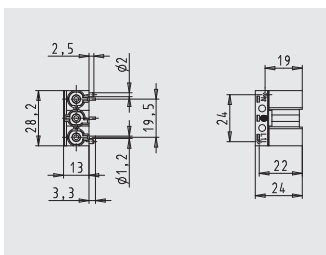
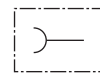


6 pole, horizontal 2 x 3 pole, solder pin length = 3.3 mm



Color	Coding	Part No.	P. U.	Price
black/pastel blue	N, PE, L 3, 2, 1	92.033.0058.1 92.033.0458.0	100 100	

Female
 2x GST18i3 L B1 H




Color	Coding	Part No.	P. U.	Price
black/pastel blue	L, PE, N 1, 2, 3	92.034.0058.1 92.034.0458.0	100 100	

Male
 2x GST18i3 L S1 H



gesis[®] TOP Luminaire connection adapter

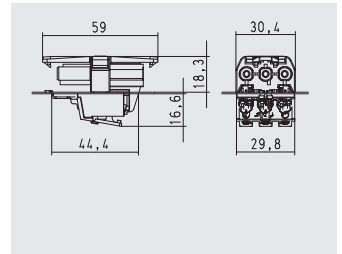
Rated voltage:	250 V	Protection rating:	IP20, IP40 when plugged
Rated current:	20 A, 2 A, output current to the luminaire	Approval:	 direct connection to luminaire
Rated impulse voltage:	4 kV	Distribution type:	yes
		Mounting option:	yes

3 pole, adapter, lamp terminal separate

Adapter for power supply



Color	Coding	Part No.	P. U.	Price
white	Code 1 L, PE, N	92.030.2153.0	100	
white, company BJB	L, PE, N	46.413.1302.50		

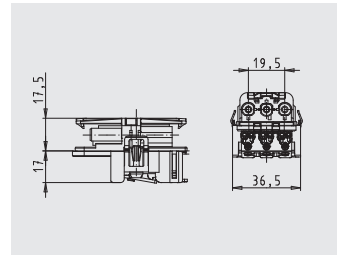


3 pole, TT-adapter, lamp terminal built-in

Adapter for power supply



Color	Coding	Part No.	P. U.	Price
white	Code 1 L,N,PE,D1,D2	92.020.2053.0	100	



gesis[®] TOP Sample kit

Sample kit

Kit	Part No.	P. U.	Price
gesis TOP sample kit	99.600.0000.0	1	



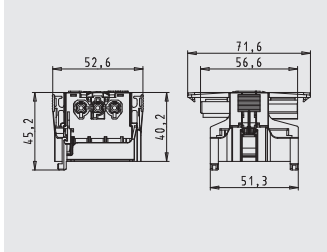
gesis® LINECT Luminaire connection adapter

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

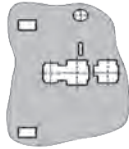
Distribution unit:
 Approval:
 Distribution type:
 Mounting option:

1 output for connecting terminal to luminaire with a LINECT interface
 direct connection to luminaire
 yes

3 pole, adapter for power supply



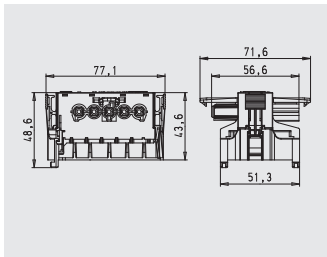
Color	Coding	Outputs	Part No.	P. U.	Price
white	Code 1	2	92.030.2253.0	50	



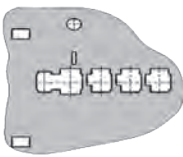
LINECT distributor
 GST18I3VN2P1N V WS



5 pole, adapter for power supply and dimming




Color	Coding	Outputs	Part No.	P. U.	Price
white, pastel blue	Code 2	2	92.050.2453.0	50	



LINECT distributor
 GST18I5VN2P1N V PB



Cable assemblies, 3 pole, 1.5 mm²

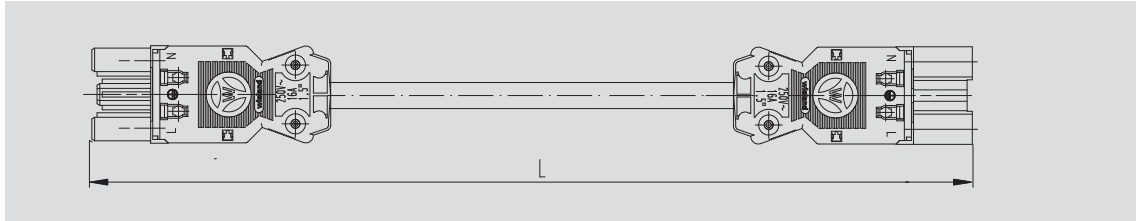
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.0 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN



Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 L, PE, N	1.0	92.232.1000.1	75		92.232.1010.1	75	
		2.0	92.232.2000.1	40		92.232.2010.1	40	
		3.0	92.232.3000.1	25		92.232.3010.1	25	
		4.0	92.232.4000.1	25		92.232.4010.1	25	
		5.0	92.232.5000.1	20		92.232.5010.1	20	
		6.0	92.232.6000.1	10		92.232.6010.1	10	
		7.0	92.232.7000.1	10		92.232.7010.1	10	
		8.0	92.232.8000.1	10		92.232.8010.1	10	

Cable white/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 L, PE, N	1.0	92.232.1000.2	75		92.232.1010.2	75	
		2.0	92.232.2000.2	40		92.232.2010.2	50	
		3.0	92.232.3000.2	25		92.232.3010.2	25	
		4.0	92.232.4000.2	25		92.232.4010.2	25	
		5.0	92.232.5000.2	20		92.232.5010.2	20	
		6.0	92.232.6000.2	10		92.232.6010.2	10	
		7.0	92.232.7000.2	10		92.232.7010.2	10	
		8.0	92.232.8000.2	10		92.232.8010.2	10	

Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
pebble gray	Code 2 L, PE, N	1.0	92.232.1000.3	75		92.232.1010.3	75	
		2.0	92.232.2000.3	40		92.232.2010.3	50	
		3.0	92.232.3000.3	25		92.232.3010.3	25	
		4.0	92.232.4000.3	25		92.232.4010.3	25	
		5.0	92.232.5000.3	20		92.232.5010.3	20	
		6.0	92.232.6000.3	10		92.232.6010.3	10	
		7.0	92.232.7000.3	10		92.232.7010.3	10	
		8.0	92.232.8000.3	10		92.232.8010.3	10	

Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	1.0	92.232.1000.5	75		92.232.1010.5	75	
		2.0	92.232.2000.5	40		92.232.2010.5	50	
		3.0	92.232.3000.5	25		92.232.3010.5	25	
		4.0	92.232.4000.5	25		92.232.4010.5	25	
		5.0	92.232.5000.5	20		92.232.5010.5	20	
		6.0	92.232.6000.5	10		92.232.6010.5	10	
		7.0	92.232.7000.5	10		92.232.7010.5	10	
		8.0	92.232.8000.5	10		92.232.8010.5	10	



Cable black/coding		Length m	Cable H05VV-F		
			Part No.	P. U.	Price
brown	Code 4 3/L, 2/N, 1 1, 2/N, 3/L	1.0	92.232.1000.4	50	
		2.0	92.232.2000.4	30	
		3.0	92.232.3000.4	25	
		4.0	92.232.4000.4	20	
		5.0	92.232.5000.4	15	
		6.0	92.232.6000.4	15	
		7.0	92.232.7000.4	10	
		8.0	92.232.8000.4	10	



1 = BK
 2/N = GY
 3/L = BN

Other cables, other lengths, other codings on request

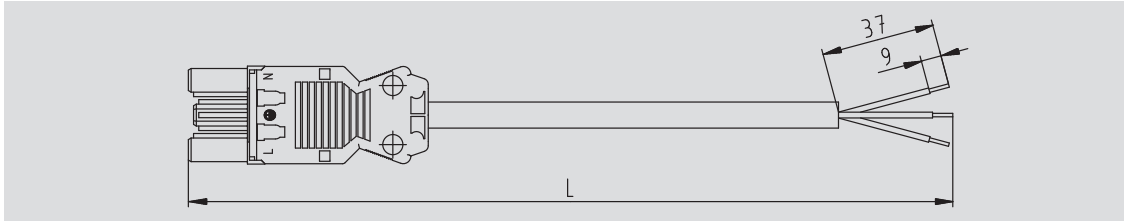
Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 8.0 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 N, PE, L	1.0	92.232.1003.1	75	92.232.1013.1	75	
		2.0	92.232.2003.1	50	92.232.2013.1	50	
		3.0	92.232.3003.1	25	92.232.3013.1	25	
		4.0	92.232.4003.1	25	92.232.4013.1	25	
		5.0	92.232.5003.1	20	92.232.5013.1	20	
		6.0	92.232.6003.1	10	92.232.6013.1	10	
		7.0	92.232.7003.1	10	92.232.7013.1	10	
		8.0	92.232.8003.1	10	92.232.8013.1	10	

Cable H05VV-F		Cable H05V2V2-F					
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 N, PE, L	1.0	92.232.1003.2	75	92.232.1013.2	75	
		2.0	92.232.2003.2	50	92.232.2013.2	50	
		3.0	92.232.3003.2	25	92.232.3013.2	25	
		4.0	92.232.4003.2	25	92.232.4013.2	25	
		5.0	92.232.5003.2	20	92.232.5013.2	20	
		6.0	92.232.6003.2	10	92.232.6013.2	10	
		7.0	92.232.7003.2	10	92.232.7013.2	10	
		8.0	92.232.8003.2	10	92.232.8013.2	10	

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pebble gray	Code 2 N, PE, L	1.0	92.232.1003.3	75	92.232.1013.3	75	
		2.0	92.232.2003.3	50	92.232.2013.3	50	
		3.0	92.232.3003.3	25	92.232.3013.3	25	
		4.0	92.232.4003.3	25	92.232.4013.3	25	
		5.0	92.232.5003.3	20	92.232.5013.3	20	
		6.0	92.232.6003.3	10	92.232.6013.3	10	
		7.0	92.232.7003.3	10	92.232.7013.3	10	
		8.0	92.232.8003.3	10	92.232.8013.3	10	

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
salmon red	Code 3 N, PE, L	1.0	92.232.1003.5	75	92.232.1013.5	75	
		2.0	92.232.2003.5	50	92.232.2013.5	50	
		3.0	92.232.3003.5	25	92.232.3013.5	25	
		4.0	92.232.4003.5	25	92.232.4013.5	25	
		5.0	92.232.5003.5	20	92.232.5013.5	20	
		6.0	92.232.6003.5	10	92.232.6013.5	10	
		7.0	92.232.7003.5	10	92.232.7013.5	10	
		8.0	92.232.8003.5	10	92.232.8013.5	10	

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
brown	Code 4 3/L, 2/N, 1	1.0	92.232.1003.4	50			
		2.0	92.232.2003.4	30			
		3.0	92.232.3003.4	25			
		4.0	92.232.4003.4	20			
		5.0	92.232.5003.4	15			
		6.0	92.232.6003.4	15			
		7.0	92.232.7003.4	10			
		8.0	92.232.8003.4	10			



1 = BK
 2/N = GY
 3/L = BN



Sheath strip length: 100 mm
 Wire stripping length: 12 mm



Other cables, other lengths, other codings on request

GST18i3

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 8.0 mm

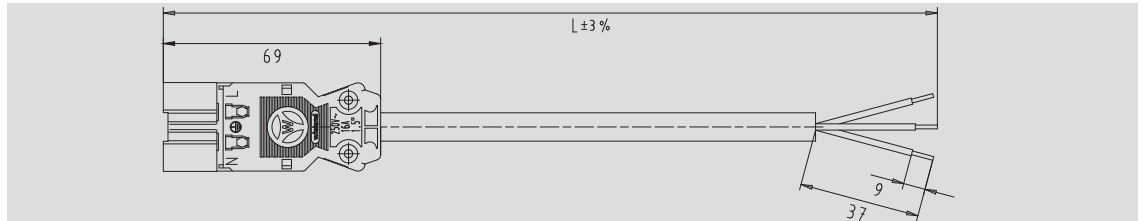
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



Cable black/coding		Length m	Part No.	P. U.	Price	Cable H05V2V2-F	
black	Code 1 L, PE, N	1.0	92.232.1004.1	75		92.232.1014.1	75
		2.0	92.232.2004.1	50		92.232.2014.1	50
		3.0	92.232.3004.1	25		92.232.3014.1	25
		4.0	92.232.4004.1	25		92.232.4014.1	25
		5.0	92.232.5004.1	20		92.232.5014.1	20
		6.0	92.232.6004.1	10		92.232.6014.1	10
		7.0	92.232.7004.1	10		92.232.7014.1	10
		8.0	92.232.8004.1	10		92.232.8014.1	10

Cable white/coding		Length m	Part No.	P. U.	Price	Cable H05V2V2-F	
white	Code 1 L, PE, N	1.0	92.232.1004.2	75		92.232.1014.2	75
		2.0	92.232.2004.2	50		92.232.2014.2	50
		3.0	92.232.3004.2	25		92.232.3014.2	25
		4.0	92.232.4004.2	25		92.232.4014.2	25
		5.0	92.232.5004.2	20		92.232.5014.2	20
		6.0	92.232.6004.2	10		92.232.6014.2	10
		7.0	92.232.7004.2	10		92.232.7014.2	10
		8.0	92.232.8004.2	10		92.232.8014.2	10

Cable black/coding		Length m	Part No.	P. U.	Price	Cable H05V2V2-F	
pebble gray	Code 2 L, PE, N	1.0	92.232.1004.3	75		92.232.1014.3	75
		2.0	92.232.2004.3	50		92.232.2014.3	50
		3.0	92.232.3004.3	25		92.232.3014.3	25
		4.0	92.232.4004.3	25		92.232.4014.3	25
		5.0	92.232.5004.3	20		92.232.5014.3	20
		6.0	92.232.6004.3	10		92.232.6014.3	10
		7.0	92.232.7004.3	10		92.232.7014.3	10
		8.0	92.232.8004.3	10		92.232.8014.3	10

Cable black/coding		Length m	Part No.	P. U.	Price	Cable H05V2V2-F	
salmon red	Code 3 L, PE, N	1.0	92.232.1004.5	75		92.232.1014.5	75
		2.0	92.232.2004.5	50		92.232.2014.5	50
		3.0	92.232.3004.5	25		92.232.3014.5	25
		4.0	92.232.4004.5	25		92.232.4014.5	25
		5.0	92.232.5004.5	20		92.232.5014.5	20
		6.0	92.232.6004.5	10		92.232.6014.5	10
		7.0	92.232.7004.5	10		92.232.7014.5	10
		8.0	92.232.8004.5	10		92.232.8014.5	10

Cable black/coding		Length m	Part No.	P. U.	Price
brown	Code 3 1, 2/N, 3/L	1.0	92.232.1004.4	50	
		2.0	92.232.2004.4	30	
		3.0	92.232.3004.4	25	
		4.0	92.232.4004.4	20	
		5.0	92.232.5004.4	15	
		6.0	92.232.6004.4	15	
		7.0	92.232.7004.4	10	
		8.0	92.232.8004.4	10	





1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

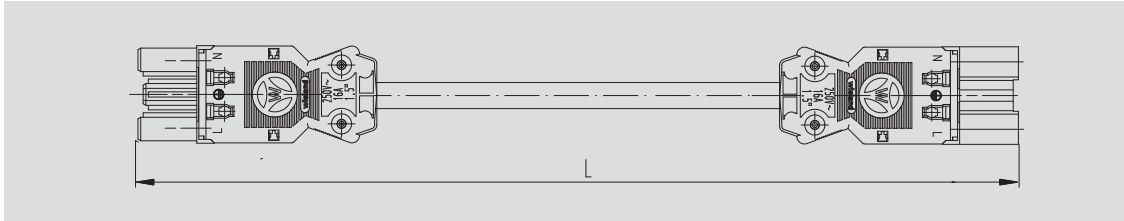
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  LR 
 Cable diameter: 8.0 mm

Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K 0.6/1kV: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

Cable H05Z1Z1-F				Cable RZ1-K 0.6/1kV			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 L, PE, N	1.0	92.232.1060.1	75	G2.232.1060.1	50	
		2.0	92.232.2060.1	40	G2.232.2060.1	25	
		3.0	92.232.3060.1	25	G2.232.3060.1	20	
		4.0	92.232.4060.1	20	G2.232.4060.1	15	
		5.0	92.232.5060.1	15	G2.232.5060.1	10	
		6.0	92.232.6060.1	10	G2.232.6060.1	10	
		7.0	92.232.7060.1	10	G2.232.7060.1	10	
		8.0	92.232.8060.1	10	G2.232.8060.1	10	

Cable H05Z1Z1-F				Cable RZ1-K 0.6/1kV			
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 L, PE, N	1.0	92.232.1060.2	75	G2.232.1060.2	50	
		2.0	92.232.2060.2	40	G2.232.2060.2	25	
		3.0	92.232.3060.2	25	G2.232.3060.2	20	
		4.0	92.232.4060.2	20	G2.232.4060.2	15	
		5.0	92.232.5060.2	20	G2.232.5060.2	10	
		6.0	92.232.6060.2	10	G2.232.6060.2	10	
		7.0	92.232.7060.2	10	G2.232.7060.2	10	
		8.0	92.232.8060.2	10	G2.232.8060.2	5	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
pebble gray	Code 2 L, PE, N	1.0	92.232.1060.3	75	
		2.0	92.232.2060.3	40	
		3.0	92.232.3060.3	25	
		4.0	92.232.4060.3	20	
		5.0	92.232.5060.3	15	
		6.0	92.232.6060.3	10	
		7.0	92.232.7060.3	10	
		8.0	92.232.8060.3	10	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
salmon red	Code 3 L, PE, N	1.0	92.232.1060.5	75	
		2.0	92.232.2060.5	40	
		3.0	92.232.3060.5	25	
		4.0	92.232.4060.5	20	
		5.0	92.232.5060.5	15	
		6.0	92.232.6060.5	10	
		7.0	92.232.7060.5	10	
		8.0	92.232.8060.5	10	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
brown	Code 4 1, 2/N, 3/L	1.0	92.232.1060.4	75	
		2.0	92.232.2060.4	40	
		3.0	92.232.3060.4	25	
		4.0	92.232.4060.4	20	
		5.0	92.232.5060.4	15	
		6.0	92.232.6060.4	10	
		7.0	92.232.7060.4	10	
		8.0	92.232.8060.4	10	



1 = BK
 2/N = GY
 3/L = BN



Other cables, other lengths, other codings on request

GST18i3

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: LR
 Cable diameter: 8.0 mm

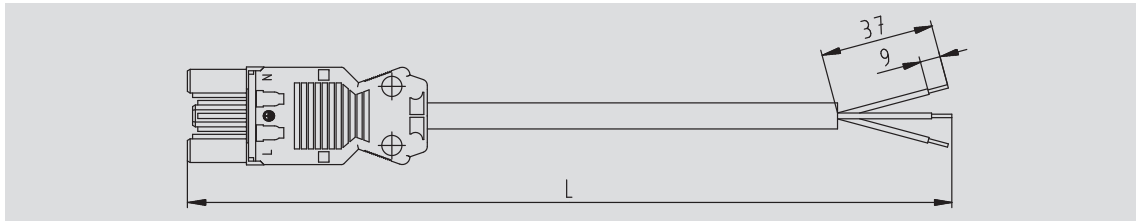
Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K 0.6/1kV: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



Cable H05Z1Z1-F		Cable RZ1-K 0.6/1kV						
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black	Code 1 N, PE, L	1.0	92.232.1063.1	75		G2.232.1063.1	50	
		2.0	92.232.2063.1	50		G2.232.2063.1	25	
		3.0	92.232.3063.1	25		G2.232.3063.1	20	
		4.0	92.232.4063.1	20		G2.232.4063.1	15	
		5.0	92.232.5063.1	20		G2.232.5063.1	10	
		6.0	92.232.6063.1	10		G2.232.6063.1	10	
		7.0	92.232.7063.1	10		G2.232.7063.1	8	
		8.0	92.232.8063.1	10		G2.232.8063.1	8	

Cable H05Z1Z1-F		Cable RZ1-K 0.6/1kV						
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white	Code 1 N, PE, L	1.0	92.232.1063.2	75		G2.232.1063.2	50	
		2.0	92.232.2063.2	50		G2.232.2063.2	25	
		3.0	92.232.3063.2	25		G2.232.3063.2	20	
		4.0	92.232.4063.2	20		G2.232.4063.2	15	
		5.0	92.232.5063.2	20		G2.232.5063.2	10	
		6.0	92.232.6063.2	10		G2.232.6063.2	10	
		7.0	92.232.7063.2	10		G2.232.7063.2	8	
		8.0	92.232.8063.2	10		G2.232.8063.2	8	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
pebble gray	Code 2 N, PE, L	1.0	92.232.1063.3	75	
		2.0	92.232.2063.3	50	
		3.0	92.232.3063.3	25	
		4.0	92.232.4063.3	25	
		5.0	92.232.5063.3	20	
		6.0	92.232.6063.3	10	
		7.0	92.232.7063.3	10	
		8.0	92.232.8063.3	10	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
salmon red	Code 3 N, PE, L	1.0	92.232.1063.5	75	
		2.0	92.232.2063.5	50	
		3.0	92.232.3063.5	25	
		4.0	92.232.4063.5	25	
		5.0	92.232.5063.5	20	
		6.0	92.232.6063.5	10	
		7.0	92.232.7063.5	10	
		8.0	92.232.8063.5	10	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
brown	Code 4 3/L, 2/N, 1	1.0	92.232.1063.4	75	
		2.0	92.232.2063.4	50	
		3.0	92.232.3063.4	25	
		4.0	92.232.4063.4	25	
		5.0	92.232.5063.4	20	
		6.0	92.232.6063.4	10	
		7.0	92.232.7063.4	10	
		8.0	92.232.8063.4	10	



1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

Other cables, other lengths, other codings on request

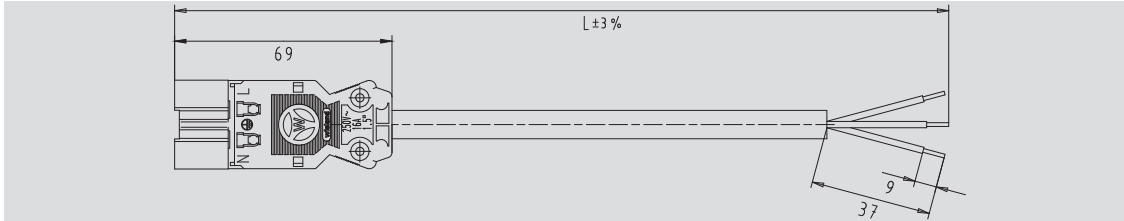
Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: LR
 Cable diameter: 8.0 mm

Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K 0.6/1kV: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

Cable H05Z1Z1-F				Cable RZ1-K 0.6/1kV			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 L, PE, N	1.0	92.232.1064.1	75	G2.232.1064.1	50	
		2.0	92.232.2064.1	50	G2.232.2064.1	25	
		3.0	92.232.3064.1	25	G2.232.3064.1	25	
		4.0	92.232.4064.1	25	G2.232.4064.1	15	
		5.0	92.232.5064.1	20	G2.232.5064.1	10	
		6.0	92.232.6064.1	10	G2.232.6064.1	10	
		7.0	92.232.7064.1	10	G2.232.7064.1	10	
		8.0	92.232.8064.1	10	G2.232.8064.1	10	

Cable H05Z1Z1-F				Cable RZ1-K 0.6/1kV			
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 L, PE, N	1.0	92.232.1064.2	75	G2.232.1064.2	50	
		2.0	92.232.2064.2	50	G2.232.2064.2	25	
		3.0	92.232.3064.2	25	G2.232.3064.2	25	
		4.0	92.232.4064.2	25	G2.232.4064.2	15	
		5.0	92.232.5064.2	20	G2.232.5064.2	10	
		6.0	92.232.6064.2	10	G2.232.6064.2	10	
		7.0	92.232.7064.2	10	G2.232.7064.2	10	
		8.0	92.232.8064.2	10	G2.232.8064.2	10	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
pebble gray	Code 2 L, PE, N	1.0	92.232.1064.3	75	
		2.0	92.232.2064.3	50	
		3.0	92.232.3064.3	25	
		4.0	92.232.4064.3	25	
		5.0	92.232.5064.3	20	
		6.0	92.232.6064.3	10	
		7.0	92.232.7064.3	10	
		8.0	92.232.8064.3	10	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
salmon red	Code 3 L, PE, N	1.0	92.232.1064.5	75	
		2.0	92.232.2064.5	50	
		3.0	92.232.3064.5	25	
		4.0	92.232.4064.5	25	
		5.0	92.232.5064.5	20	
		6.0	92.232.6064.5	10	
		7.0	92.232.7064.5	10	
		8.0	92.232.8064.5	10	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
brown	Code 3 1, 2/N, 3/L	1.0	92.232.1064.4	75	
		2.0	92.232.2064.4	50	
		3.0	92.232.3064.4	25	
		4.0	92.232.4064.4	25	
		5.0	92.232.5064.4	20	
		6.0	92.232.6064.4	10	
		7.0	92.232.7064.4	10	
		8.0	92.232.8064.4	10	



1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



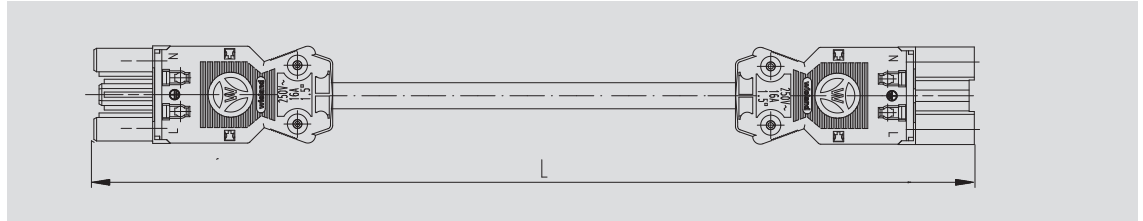
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 9.8 mm

Cable material, H07RN-F 1.5: Rubber
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



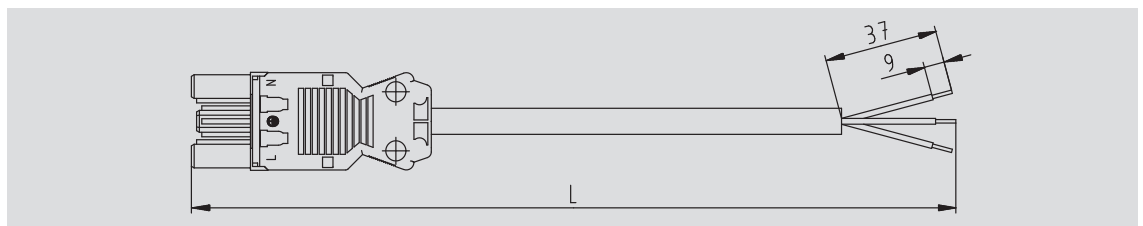
Cable H07RN-F 1.5					
Cable black/coding	Length m	Part No.	P. U.	Price	
black	Code 1 L, PE, N	1.0	G3.032.0102.1	50	
		2.0	G3.032.0202.1	25	
		3.0	G3.032.0302.1	20	
		4.0	G3.032.0402.1	15	
		5.0	G3.032.0502.1	10	
		6.0	G3.032.0602.1	10	
		7.0	G3.032.0702.1	8	
		8.0	G3.032.0802.1	8	



⊕ = GN/YE
 N = BU
 L = BN

Cable H07RN-F 1.5					
Cable black/coding	Length m	Part No.	P. U.	Price	
white	Code 1 L, PE, N	1.0	G3.032.0102.2	50	
		2.0	G3.032.0202.2	25	
		3.0	G3.032.0302.2	20	
		4.0	G3.032.0402.2	15	
		5.0	G3.032.0502.2	10	
		6.0	G3.032.0602.2	10	
		7.0	G3.032.0702.2	8	
		8.0	G3.032.0802.2	8	

Connection cables female – free end
 Wire ends ultrason. welded



Cable H07RN-F 1.5					
Cable black/coding	Length m	Part No.	P. U.	Price	
black	Code 1 N, PE, L	1.0	G3.332.0102.1	50	
		2.0	G3.332.0202.1	25	
		3.0	G3.332.0302.1	20	
		4.0	G3.332.0402.1	15	
		5.0	G3.332.0502.1	10	
		6.0	G3.332.0602.1	10	
		7.0	G3.332.0702.1	8	
		8.0	G3.332.0802.1	8	



⊕ = GN/YE
 N = BU
 L = BN

Cable H07RN-F 1.5					
Cable black/coding	Length m	Part No.	P. U.	Price	
white	Code 1 N, PE, L	1.0	G3.332.0102.2	50	
		2.0	G3.332.0202.2	25	
		3.0	G3.332.0302.2	20	
		4.0	G3.332.0402.2	15	
		5.0	G3.332.0502.2	10	
		6.0	G3.332.0602.2	10	
		7.0	G3.332.0702.2	8	
		8.0	G3.332.0802.2	8	

Other cables, other lengths, other codings on request

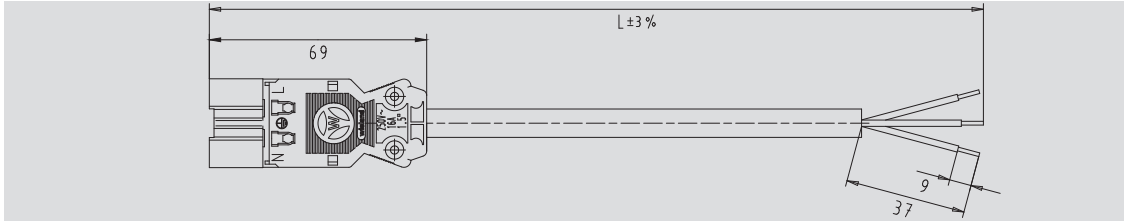


Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 9.8 mm

Cable material, H07RN-F 1.5: rubber
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end
 Wire ends ultrason. welded



Cable **H07RN-F 1.5**

Cable black/coding	Length m	Part No.	P. U.	Price	
black	Code 1 L, PE, N	1.0	G3.432.0102.1	50	
		2.0	G3.432.0202.1	25	
		3.0	G3.432.0302.1	20	
		4.0	G3.432.0402.1	15	
		5.0	G3.432.0502.1	10	
		6.0	G3.432.0602.1	10	
		7.0	G3.432.0702.1	8	
		8.0	G3.432.0802.1	8	



⊕ = GN/YE
 N = BU
 L = BN



Cable **H07RN-F 1.5**

Cable black/coding	Length m	Part No.	P. U.	Price	
white	Code 1 L, PE, N	1.0	G3.432.0102.2	50	
		2.0	G3.432.0202.2	25	
		3.0	G3.432.0302.2	20	
		4.0	G3.432.0402.2	15	
		5.0	G3.432.0502.2	10	
		6.0	G3.432.0602.2	10	
		7.0	G3.432.0702.2	8	
		8.0	G3.432.0802.2	8	



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

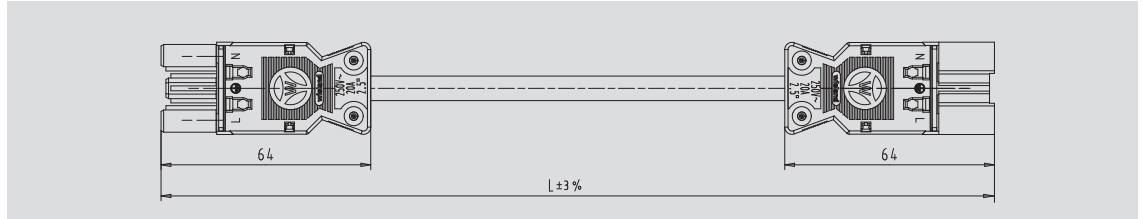
Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN



Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 L, PE, N	1.0	92.238.1000.1	50		92.238.1010.1	50	
		2.0	92.238.2000.1	25		92.238.2010.1	25	
		3.0	92.238.3000.1	20		92.238.3010.1	20	
		4.0	92.238.4000.1	15		92.238.4010.1	15	
		5.0	92.238.5000.1	10		92.238.5010.1	10	
		6.0	92.238.6000.1	10		92.238.6010.1	10	
		7.0	92.238.7000.1	5		92.238.7010.1	5	
		8.0	92.238.8000.1	5		92.238.8010.1	5	

Cable white/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 L, PE, N	1.0	92.238.1000.2	50		92.238.1010.2	50	
		2.0	92.238.2000.2	25		92.238.2010.2	25	
		3.0	92.238.3000.2	20		92.238.3010.2	20	
		4.0	92.238.4000.2	15		92.238.4010.2	15	
		5.0	92.238.5000.2	10		92.238.5010.2	10	
		6.0	92.238.6000.2	10		92.238.6010.2	10	
		7.0	92.238.7000.2	5		92.238.7010.2	5	
		8.0	92.238.8000.2	5		92.238.8010.2	5	

Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
pebble gray	Code 2 L, PE, N	1.0	92.238.1000.3	50		92.238.1010.3	50	
		2.0	92.238.2000.3	25		92.238.2010.3	25	
		3.0	92.238.3000.3	20		92.238.3010.3	20	
		4.0	92.238.4000.3	15		92.238.4010.3	15	
		5.0	92.238.5000.3	10		92.238.5010.3	10	
		6.0	92.238.6000.3	10		92.238.6010.3	10	
		7.0	92.238.7000.3	5		92.238.7010.3	5	
		8.0	92.238.8000.3	5		92.238.8010.3	5	

Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	1.0	92.238.1000.5	50		92.238.1010.5	50	
		2.0	92.238.2000.5	25		92.238.2010.5	25	
		3.0	92.238.3000.5	20		92.238.3010.5	20	
		4.0	92.238.4000.5	15		92.238.4010.5	15	
		5.0	92.238.5000.5	10		92.238.5010.5	10	
		6.0	92.238.6000.5	10		92.238.6010.5	10	
		7.0	92.238.7000.5	5		92.238.7010.5	5	
		8.0	92.238.8000.5	5		92.238.8010.5	5	


Cable black/coding		Length m	Cable H05VV-F		
			Part No.	P. U.	Price
brown	Code 4 1, 2/N, 3/L	1.0	92.238.1000.4	50	
		2.0	92.238.2000.4	25	
		3.0	92.238.3000.4	20	
		4.0	92.238.4000.4	15	
		5.0	92.238.5000.4	10	
		6.0	92.238.6000.4	10	
		7.0	92.238.7000.4	5	
		8.0	92.238.8000.4	5	



1 = BK
 2/N = GY
 3/L = BN

Other cables, other lengths, other codings on request

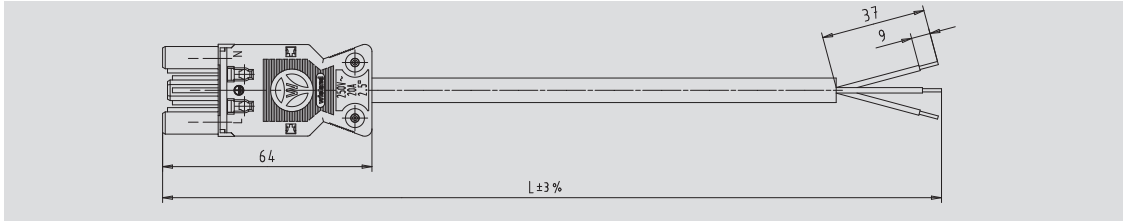
Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 N, PE, L	1.0	92.238.1003.1	50	92.238.1013.1	50	
		2.0	92.238.2003.1	25	92.238.2013.1	25	
		3.0	92.238.3003.1	20	92.238.3013.1	20	
		4.0	92.238.4003.1	15	92.238.4013.1	15	
		5.0	92.238.5003.1	10	92.238.5013.1	10	
		6.0	92.238.6003.1	10	92.238.6013.1	10	
		7.0	92.238.7003.1	5	92.238.7013.1	5	
		8.0	92.238.8003.1	5	92.238.8013.1	5	

Cable H05VV-F		Cable H05V2V2-F					
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 N, PE, L	1.0	92.238.1003.2	50	92.238.1013.2	50	
		2.0	92.238.2003.2	25	92.238.2013.2	25	
		3.0	92.238.3003.2	20	92.238.3013.2	20	
		4.0	92.238.4003.2	15	92.238.4013.2	15	
		5.0	92.238.5003.2	10	92.238.5013.2	10	
		6.0	92.238.6003.2	10	92.238.6013.2	10	
		7.0	92.238.7003.2	5	92.238.7013.2	5	
		8.0	92.238.8003.2	5	92.238.8013.2	5	

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pebble gray	Code 2 N, PE, L	1.0	92.238.1003.3	50	92.238.1013.3	50	
		2.0	92.238.2003.3	25	92.238.2013.3	25	
		3.0	92.238.3003.3	20	92.238.3013.3	20	
		4.0	92.238.4003.3	15	92.238.4013.3	15	
		5.0	92.238.5003.3	10	92.238.5013.3	10	
		6.0	92.238.6003.3	10	92.238.6013.3	10	
		7.0	92.238.7003.3	5	92.238.7013.3	5	
		8.0	92.238.8003.3	5	92.238.8013.3	5	

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
salmon red	Code 3 N, PE, L	1.0	92.238.1003.5	50	92.238.1013.5	50	
		2.0	92.238.2003.5	25	92.238.2013.5	25	
		3.0	92.238.3003.5	20	92.238.3013.5	20	
		4.0	92.238.4003.5	15	92.238.4013.5	15	
		5.0	92.238.5003.5	10	92.238.5013.5	10	
		6.0	92.238.6003.5	10	92.238.6013.5	10	
		7.0	92.238.7003.5	5	92.238.7013.5	5	
		8.0	92.238.8003.5	5	92.238.8013.5	5	

Cable H05VV-F		Cable H05V2V2-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
brown	Code 4 3/L, 2/N, 1	1.0	92.238.1003.4	50	92.238.1013.4	50	
		2.0	92.238.2003.4	25	92.238.2013.4	25	
		3.0	92.238.3003.4	20	92.238.3013.4	20	
		4.0	92.238.4003.4	15	92.238.4013.4	15	
		5.0	92.238.5003.4	10	92.238.5013.4	10	
		6.0	92.238.6003.4	10	92.238.6013.4	10	
		7.0	92.238.7003.4	5	92.238.7013.4	5	
		8.0	92.238.8003.4	5	92.238.8013.4	5	





1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.2 mm

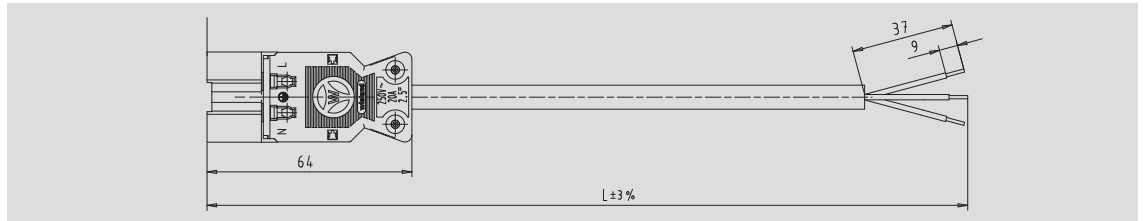
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 L, PE, N	1.0	92.238.1004.1	50		92.238.1014.1	50	
		2.0	92.238.2004.1	25		92.238.2014.1	25	
		3.0	92.238.3004.1	20		92.238.3014.1	20	
		4.0	92.238.4004.1	15		92.238.4014.1	15	
		5.0	92.238.5004.1	10		92.238.5014.1	10	
		6.0	92.238.6004.1	10		92.238.6014.1	10	
		7.0	92.238.7004.1	5		92.238.7014.1	5	
		8.0	92.238.8004.1	5		92.238.8014.1	5	

Cable white/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 L, PE, N	1.0	92.238.1004.2	50		92.238.1014.2	50	
		2.0	92.238.2004.2	25		92.238.2014.2	25	
		3.0	92.238.3004.2	20		92.238.3014.2	20	
		4.0	92.238.4004.2	15		92.238.4014.2	15	
		5.0	92.238.5004.2	10		92.238.5014.2	10	
		6.0	92.238.6004.2	10		92.238.6014.2	10	
		7.0	92.238.7004.2	5		92.238.7014.2	5	
		8.0	92.238.8004.2	5		92.238.8014.2	5	

Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
pebble gray	Code 2 L, PE, N	1.0	92.238.1004.3	50		92.238.1014.3	50	
		2.0	92.238.2004.3	25		92.238.2014.3	25	
		3.0	92.238.3004.3	20		92.238.3014.3	20	
		4.0	92.238.4004.3	15		92.238.4014.3	15	
		5.0	92.238.5004.3	10		92.238.5014.3	10	
		6.0	92.238.6004.3	10		92.238.6014.3	10	
		7.0	92.238.7004.3	5		92.238.7014.3	5	
		8.0	92.238.8004.3	5		92.238.8014.3	5	

Cable black/coding		Length m	Cable H05VV-F			Cable H05V2V2-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	1.0	92.238.1004.5	50		92.238.1014.5	50	
		2.0	92.238.2004.5	25		92.238.2014.5	25	
		3.0	92.238.3004.5	20		92.238.3014.5	20	
		4.0	92.238.4004.5	15		92.238.4014.5	15	
		5.0	92.238.5004.5	10		92.238.5014.5	10	
		6.0	92.238.6004.5	10		92.238.6014.5	10	
		7.0	92.238.7004.5	5		92.238.7014.5	5	
		8.0	92.238.8004.5	5		92.238.8014.5	5	

Cable black/coding		Length m	Cable H05VV-F		
			Part No.	P. U.	Price
brown	Code 4 1, 2/N, 3/L	1.0	92.238.1004.4	50	
		2.0	92.238.2004.4	25	
		3.0	92.238.3004.4	20	
		4.0	92.238.4004.4	15	
		5.0	92.238.5004.4	10	
		6.0	92.238.6004.4	10	
		7.0	92.238.7004.4	5	
		8.0	92.238.8004.4	5	





1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

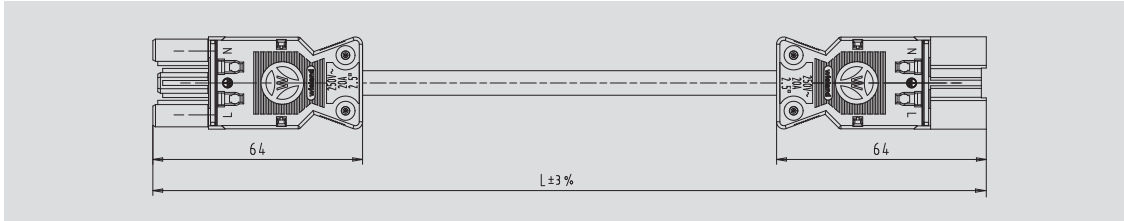
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²


Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  LR 
 Cable diameter: 10.2 mm


Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K VV-K: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories


Connecting cables female – male





⊕ = GN/YE
 N = BU
 L = BN

Cable H05Z1Z1-F				Cable RZ1-K VV-K				
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black		Code 1 L, PE, N	1.0	92.238.1060.1	50	G2.238.1060.1	40	
			2.0	92.238.2060.1	25	G2.238.2060.1	15	
			3.0	92.238.3060.1	15	G2.238.3060.1	15	
			4.0	92.238.4060.1	10	G2.238.4060.1	10	
			5.0	92.238.5060.1	10	G2.238.5060.1	10	
			6.0	92.238.6060.1	10	G2.238.6060.1	8	
			7.0	92.238.7060.1	5	G2.238.7060.1	5	
			8.0	92.238.8060.1	5	G2.238.8060.1	5	

Cable H05Z1Z1-F				Cable RZ1-K VV-K				
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white		Code 1 L, PE, N	1.0	92.238.1060.2	50	G2.238.1060.2	40	
			2.0	92.238.2060.2	25	G2.238.2060.2	15	
			3.0	92.238.3060.2	15	G2.238.3060.2	15	
			4.0	92.238.4060.2	10	G2.238.4060.2	10	
			5.0	92.238.5060.2	10	G2.238.5060.2	10	
			6.0	92.238.6060.2	10	G2.238.6060.2	8	
			7.0	92.238.7060.2	5	G2.238.7060.2	5	
			8.0	92.238.8060.2	5	G2.238.8060.2	5	

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
pebble gray		Code 2 L, PE, N	1.0	92.238.1060.3	50
			2.0	92.238.2060.3	25
			3.0	92.238.3060.3	15
			4.0	92.238.4060.3	10
			5.0	92.238.5060.3	10
			6.0	92.238.6060.3	10
			7.0	92.238.7060.3	5
			8.0	92.238.8060.3	5

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
salmon red		Code 3 L, PE, N	1.0	92.238.1060.5	50
			2.0	92.238.2060.5	25
			3.0	92.238.3060.5	15
			4.0	92.238.4060.5	10
			5.0	92.238.5060.5	10
			6.0	92.238.6060.5	10
			7.0	92.238.7060.5	5
			8.0	92.238.8060.5	5

Cable H05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	
brown		Code 4 1, 2/N, 3/L	1.0	92.238.1060.4	50
			2.0	92.238.2060.4	25
			3.0	92.238.3060.4	15
			4.0	92.238.4060.4	10
			5.0	92.238.5060.4	10
			6.0	92.238.6060.4	10
			7.0	92.238.7060.4	5
			8.0	92.238.8060.4	5




1 = BK
 2/N = GY
 3/L = BN



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.2 mm

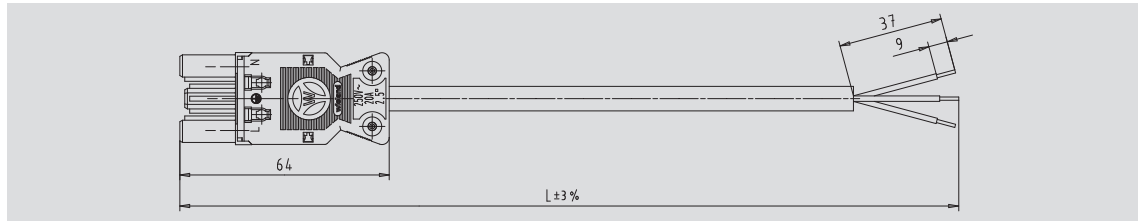
Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K VV-K: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



Cable H05Z1Z1-F		Cable RZ1-K VV-K				
Cable black/coding	Length m	Part No.	P. U. Price	Part No.	P. U. Price	
black	Code 1 N, PE, L	1.0	92.238.1063.1	50	G2.238.1063.1	50
		2.0	92.238.2063.1	25	G2.238.2063.1	25
		3.0	92.238.3063.1	15	G2.238.3063.1	20
		4.0	92.238.4063.1	15	G2.238.4063.1	15
		5.0	92.238.5063.1	10	G2.238.5063.1	10
		6.0	92.238.6063.1	10	G2.238.6063.1	10
		7.0	92.238.7063.1	5	G2.238.7063.1	5
		8.0	92.238.8063.1	5	G2.238.8063.1	5

Cable H05Z1Z1-F		Cable RZ1-K VV-K				
Cable white/coding	Length m	Part No.	P. U. Price	Part No.	P. U. Price	
white	Code 1 N, PE, L	1.0	92.238.1063.2	50	G2.238.1063.2	50
		2.0	92.238.2063.2	25	G2.238.2063.2	25
		3.0	92.238.3063.2	15	G2.238.3063.2	20
		4.0	92.238.4063.2	15	G2.238.4063.2	15
		5.0	92.238.5063.2	10	G2.238.5063.2	10
		6.0	92.238.6063.2	10	G2.238.6063.2	10
		7.0	92.238.7063.2	5	G2.238.7063.2	5
		8.0	92.238.8063.2	5	G2.238.8063.2	5

Cable H05Z1Z1-F				
Cable black/coding	Length m	Part No.	P. U. Price	
pebble gray	Code 2 N, PE, L	1.0	92.238.1063.3	50
		2.0	92.238.2063.3	25
		3.0	92.238.3063.3	15
		4.0	92.238.4063.3	15
		5.0	92.238.5063.3	10
		6.0	92.238.6063.3	10
		7.0	92.238.7063.3	5
		8.0	92.238.8063.3	5

Cable H05Z1Z1-F				
Cable black/coding	Length m	Part No.	P. U. Price	
salmon red	Code 3 N, PE, L	1.0	92.238.1063.5	50
		2.0	92.238.2063.5	25
		3.0	92.238.3063.5	15
		4.0	92.238.4063.5	15
		5.0	92.238.5063.5	10
		6.0	92.238.6063.5	10
		7.0	92.238.7063.5	5
		8.0	92.238.8063.5	5


Cable H05Z1Z1-F				
Cable black/coding	Length m	Part No.	P. U. Price	
brown	Code 4 3/L, 2/N, 1	1.0	92.238.1063.4	50
		2.0	92.238.2063.4	25
		3.0	92.238.3063.4	15
		4.0	92.238.4063.4	15
		5.0	92.238.5063.4	10
		6.0	92.238.6063.4	10
		7.0	92.238.7063.4	5
		8.0	92.238.8063.4	5



1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

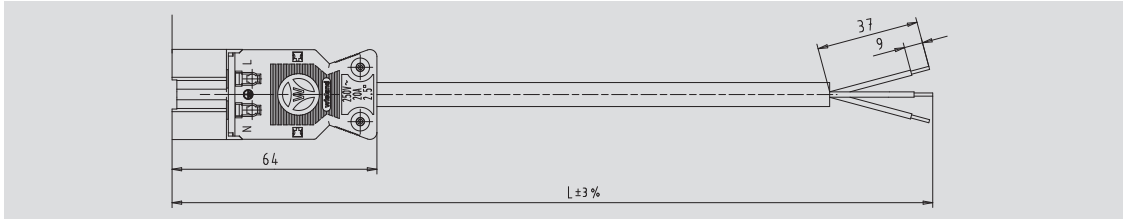
Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.2 mm

Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K VV-K: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

Cable H05Z1Z1-F					Cable RZ1-K VV-K		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 L, PE, N	1.0	92.238.1064.1	50	G2.238.1064.1	50	
		2.0	92.238.2064.1	25	G2.238.2064.1	25	
		3.0	92.238.3064.1	15	G2.238.3064.1	20	
		4.0	92.238.4064.1	15	G2.238.4064.1	10	
		5.0	92.238.5064.1	10	G2.238.5064.1	10	
		6.0	92.238.6064.1	10	G2.238.6064.1	8	
		7.0	92.238.7064.1	5	G2.238.7064.1	5	
		8.0	92.238.8064.1	5	G2.238.8064.1	5	

Cable H05Z1Z1-F					Cable RZ1-K VV-K		
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 L, PE, N	1.0	92.238.1064.2	50	G2.238.1064.2	50	
		2.0	92.238.2064.2	25	G2.238.2064.2	50	
		3.0	92.238.3064.2	15	G2.238.3064.2	25	
		4.0	92.238.4064.2	15	G2.238.4064.2	10	
		5.0	92.238.5064.2	10	G2.238.5064.2	20	
		6.0	92.238.6064.2	10	G2.238.6064.2	8	
		7.0	92.238.7064.2	5	G2.238.7064.2	5	
		8.0	92.238.8064.2	5	G2.238.8064.2	5	

Cable H05Z1Z1-F				
Cable black/coding	Length m	Part No.	P. U.	Price
pebble gray	Code 2 L, PE, N	1.0	92.238.1064.3	50
		2.0	92.238.2064.3	25
		3.0	92.238.3064.3	15
		4.0	92.238.4064.3	15
		5.0	92.238.5064.3	10
		6.0	92.238.6064.3	10
		7.0	92.238.7064.3	5
		8.0	92.238.8064.3	5

Cable H05Z1Z1-F				
Cable black/coding	Length m	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	1.0	92.238.1064.5	50
		2.0	92.238.2064.5	25
		3.0	92.238.3064.5	15
		4.0	92.238.4064.5	15
		5.0	92.238.5064.5	10
		6.0	92.238.6064.5	10
		7.0	92.238.7064.5	5
		8.0	92.238.8064.5	5

Cable H05Z1Z1-F				
Cable black/coding	Length m	Part No.	P. U.	Price
brown	Code 4 1, 2/N, 3/L	1.0	92.238.1064.4	50
		2.0	92.238.2064.4	25
		3.0	92.238.3064.4	15
		4.0	92.238.4064.4	15
		5.0	92.238.5064.4	10
		6.0	92.238.6064.4	10
		7.0	92.238.7064.4	5
		8.0	92.238.8064.4	5



1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

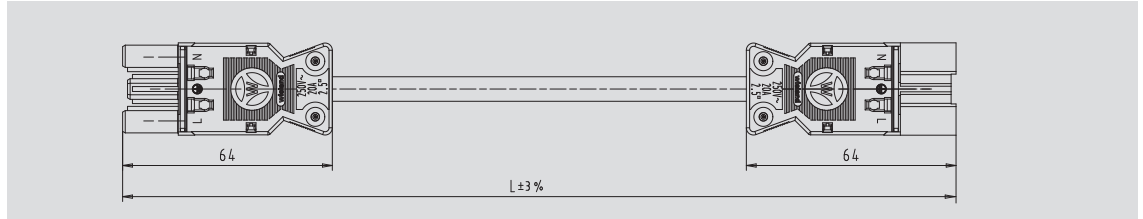


Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

Rated voltage:	250 V	Cable material, H07RN-F:	rubber
Rated current:	20 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Protection rating:	IP20, IP40 when plugged	The use of a locking device is mandatory.	
Approvals:		Locking device for flying leads: see Accessories	
Cable diameter:	11.6 mm		

Connecting cables female – male



Cable H07RN-F 2.5

Cable black/coding	Length m	Part No.	P. U.	Price	
black	Code 1 L, PE, N	1.0	G3.032.0103.1	40	
		2.0	G3.032.0203.1	20	
		3.0	G3.032.0303.1	15	
		4.0	G3.032.0403.1	10	
		5.0	G3.032.0503.1	10	
		6.0	G3.032.0603.1	8	
		7.0	G3.032.0703.1	5	
		8.0	G3.032.0803.1	5	

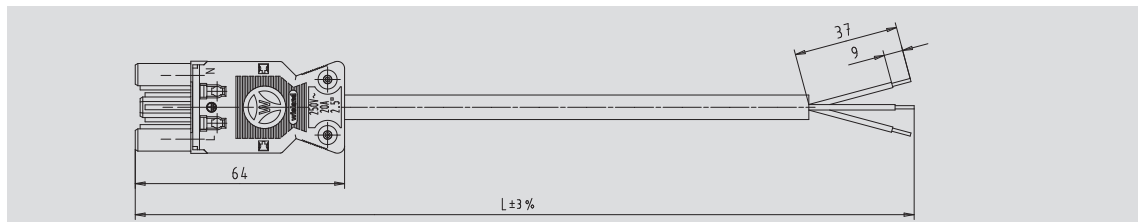


⊕ = GN/YE
N = BU
L = BN

Cable H07RN-F 2.5

Cable black/coding	Length m	Part No.	P. U.	Price	
white	Code 1 L, PE, N	1.0	G3.032.0103.2	40	
		2.0	G3.032.0203.2	20	
		3.0	G3.032.0303.2	15	
		4.0	G3.032.0403.2	10	
		5.0	G3.032.0503.2	10	
		6.0	G3.032.0603.2	8	
		7.0	G3.032.0703.2	5	
		8.0	G3.032.0803.2	5	

Connection cables female – free end
Wire ends ultrason. welded



Cable H07RN-F 2.5

Cable black/coding	Length m	Part No.	P. U.	Price	
black	Code 1 N, PE, L	1.0	G3.332.0103.1	40	
		2.0	G3.332.0203.1	25	
		3.0	G3.332.0303.1	20	
		4.0	G3.332.0403.1	10	
		5.0	G3.332.0503.1	10	
		6.0	G3.332.0603.1	8	
		7.0	G3.332.0703.1	5	
		8.0	G3.332.0803.1	5	



⊕ = GN/YE
N = BU
L = BN

Cable H07RN-F 2.5

Cable black/coding	Length m	Part No.	P. U.	Price	
white	Code 1 N, PE, L	1.0	G3.332.0103.2	40	
		2.0	G3.332.0203.2	25	
		3.0	G3.332.0303.2	20	
		4.0	G3.332.0403.2	10	
		5.0	G3.332.0503.2	10	
		6.0	G3.332.0603.2	8	
		7.0	G3.332.0703.2	5	
		8.0	G3.332.0803.2	5	

Other cables, other lengths, other codings on request

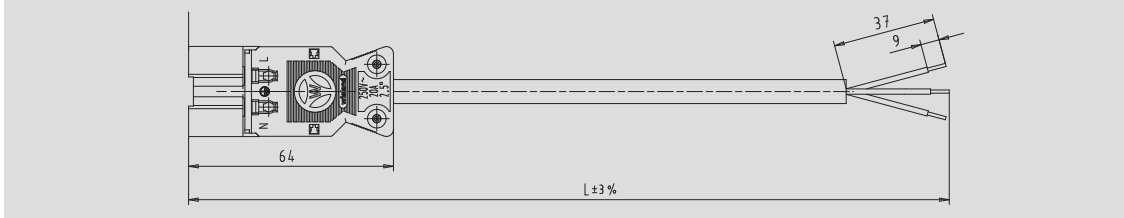


Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 11.6 mm

Cable material, H07RN-F: rubber
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end
 Wire ends ultrason. welded



Cable **H07RN-F 2.5**

Cable black/coding	Length m	Part No.	P. U.	Price	
black	Code 1 L, PE, N	1.0	G3.432.0103.1	40	
		2.0	G3.432.0203.1	20	
		3.0	G3.432.0303.1	15	
		4.0	G3.432.0403.1	10	
		5.0	G3.432.0503.1	10	
		6.0	G3.432.0603.1	8	
		7.0	G3.432.0703.1	5	
		8.0	G3.432.0803.1	5	



⊕ = GN/YE
 N = BU
 L = BN



Cable **H07RN-F 2.5**

Cable black/coding	Length m	Part No.	P. U.	Price	
white	Code 1 L, PE, N	1.0	G3.432.0103.2	40	
		2.0	G3.432.0203.2	20	
		3.0	G3.432.0303.2	15	
		4.0	G3.432.0403.2	10	
		5.0	G3.432.0503.2	10	
		6.0	G3.432.0603.2	8	
		7.0	G3.432.0703.2	5	
		8.0	G3.432.0803.2	5	



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

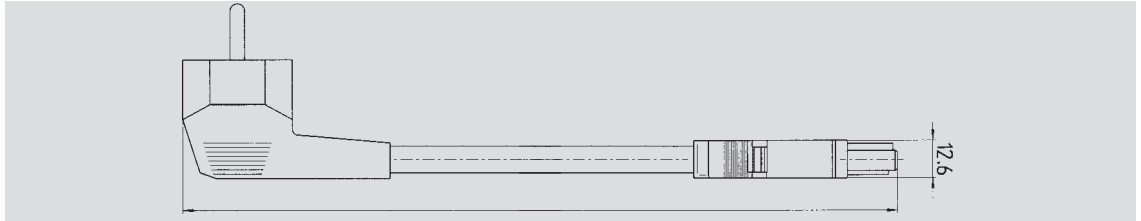
Rated voltage: 250 V
Rated current: 16 A
Rated impulse voltage: 4 kV
Protection rating: IP20, IP40 when plugged
Approvals:  
Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
The use of a locking device is mandatory.
Locking device for flying leads: see Accessories

Connecting cables female – male CEE 7/4



⊕ = GN/YE
 N = BU
 L = BN



Cable H05VV-F

Cable black/coding	Length m	Part No.	P. U.	Price	
black	Code 1 N, PE, L	1.0	92.232.1007.1	50	
		2.0	92.232.2007.1	40	
		3.0	92.232.3007.1	25	
		4.0	92.232.4007.1	20	
		5.0	92.232.5007.1	20	
		6.0	92.232.6007.1	10	
		7.0	92.232.7007.1	10	
		8.0	92.232.8007.1	10	

Cable H05VV-F

Cable white/coding	Length m	Part No.	P. U.	Price	
white	Code 1 N, PE, L	1.0	92.232.1007.2	50	
		2.0	92.232.2007.2	40	
		3.0	92.232.3007.2	25	
		4.0	92.232.4007.2	20	
		5.0	92.232.5007.2	20	
		6.0	92.232.6007.2	10	
		7.0	92.232.7007.2	10	
		8.0	92.232.8007.2	10	

Cable H05VV-F

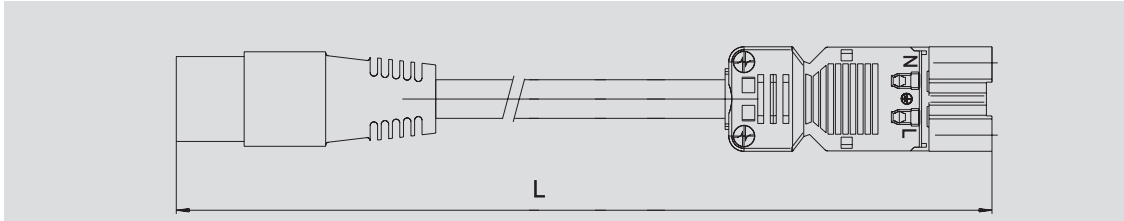
Cable black/coding	Length m	Part No.	P. U.	Price	
salmon red	Code 3 N, PE, L	2.0	92.232.2007.5	40	
		3.0	92.232.3007.5	25	



Cable assemblies, 3 pole, 1.0 mm²

Rated voltage:	250 V	Cable material, H05VV-F:	PVC, contains halogen
Rated current:	10 A	The use of a locking device is mandatory.	
Rated impulse voltage:	4 kV	Locking device for flying leads:	see Accessories
Protection rating:	IP20, IP40 when plugged		
Approvals:			
Cable diameter	7.5 mm		

Connecting cables male – low-heat device, female



⊕ = GN/YE
N = BU
L = BN

Cable **H05VV-F**

Cable white/coding	Length m	Part No.	P. U.	Price
white Code 1	2.0	99.400.5623.1	50	





GST18i3



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 1.5 mm²

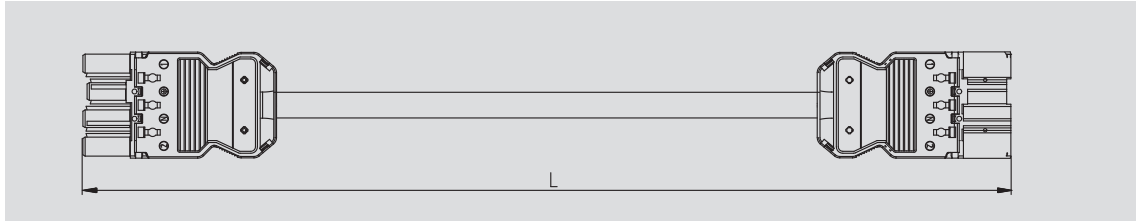
Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 9.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK



		Cable H05VV-F				Cable H05Z1Z1-F			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
black	Code 1 1, PE, N, 2	1.0	92.207.1000.1	50		92.207.1060.1	50		
		2.0	92.207.2000.1	25		92.207.2060.1	25		
		3.0	92.207.3000.1	20		92.207.3060.1	20		
		4.0	92.207.4000.1	15		92.207.4060.1	15		
		5.0	92.207.5000.1	10		92.207.5060.1	10		
		6.0	92.207.6000.1	10		92.207.6060.1	10		
		7.0	92.207.7000.1	5		92.207.7060.1	5		
		8.0	92.207.8000.1	5		92.207.8060.1	5		


		Cable H05VV-F				Cable H05Z1Z1-F			
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
white	Code 1 1, PE, N, 2	1.0	92.207.1000.2	50		92.207.1060.2	50		
		2.0	92.207.2000.2	25		92.207.2060.2	25		
		3.0	92.207.3000.2	20		92.207.3060.2	20		
		4.0	92.207.4000.2	15		92.207.4060.2	15		
		5.0	92.207.5000.2	10		92.207.5060.2	10		
		6.0	92.207.6000.2	10		92.207.6060.2	10		
		7.0	92.207.7000.2	5		92.207.7060.2	5		
		8.0	92.207.8000.2	5		92.207.8060.2	5		

		Cable H05VV-F				Cable H05Z1Z1-F			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
pebble gray	Code 2 1, PE, N, 2	1.0	92.207.1000.3	50		92.207.1060.3	50		
		2.0	92.207.2000.3	25		92.207.2060.3	25		
		3.0	92.207.3000.3	20		92.207.3060.3	20		
		4.0	92.207.4000.3	15		92.207.4060.3	15		
		5.0	92.207.5000.3	10		92.207.5060.3	10		
		6.0	92.207.6000.3	10		92.207.6060.3	10		
		7.0	92.207.7000.3	5		92.207.7060.3	10		
		8.0	92.207.8000.3	5		92.207.8060.3	5		

Other cables, other lengths, other codings on request



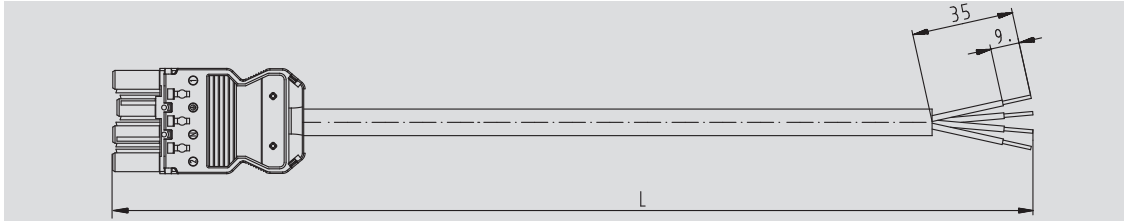
Cable assemblies, 4 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 9.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable black/coding		Cable H05VV-F			Cable H05Z1Z1-F		
	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 2, N, PE, 1	1.0	92.207.1003.1	50	92.207.1063.1	50	
		2.0	92.207.2003.1	25	92.207.2063.1	25	
		3.0	92.207.3003.1	20	92.207.3063.1	20	
		4.0	92.207.4003.1	15	92.207.4063.1	15	
		5.0	92.207.5003.1	10	92.207.5063.1	10	
		6.0	92.207.6003.1	10	92.207.6063.1	10	
		7.0	92.207.7003.1	5	92.207.7063.1	5	
		8.0	92.207.8003.1	5	92.207.8063.1	5	

Cable white/coding		Cable H05VV-F			Cable H05Z1Z1-F		
	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 2, N, PE, 1	1.0	92.207.1003.2	50	92.207.1063.2	50	
		2.0	92.207.2003.2	25	92.207.2063.2	25	
		3.0	92.207.3003.2	20	92.207.3063.2	20	
		4.0	92.207.4003.2	15	92.207.4063.2	15	
		5.0	92.207.5003.2	10	92.207.5063.2	10	
		6.0	92.207.6003.2	10	92.207.6063.2	10	
		7.0	92.207.7003.2	5	92.207.7063.2	10	
		8.0	92.207.8003.2	5	92.207.8063.2	5	

Cable black/coding		Cable H05VV-F			Cable H05Z1Z1-F		
	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pebble gray	Code 2 2, N, PE, 1	1.0	92.207.1003.3	50	92.207.1063.3	50	
		2.0	92.207.2003.3	25	92.207.2063.3	25	
		3.0	92.207.3003.3	20	92.207.3063.3	20	
		4.0	92.207.4003.3	15	92.207.4063.3	15	
		5.0	92.207.5003.3	10	92.207.5063.3	10	
		6.0	92.207.6003.3	10	92.207.6063.3	10	
		7.0	92.207.7003.3	10	92.207.7063.3	10	
		8.0	92.207.8003.3	5	92.207.8063.3	5	





GST18i4



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 1.5 mm²

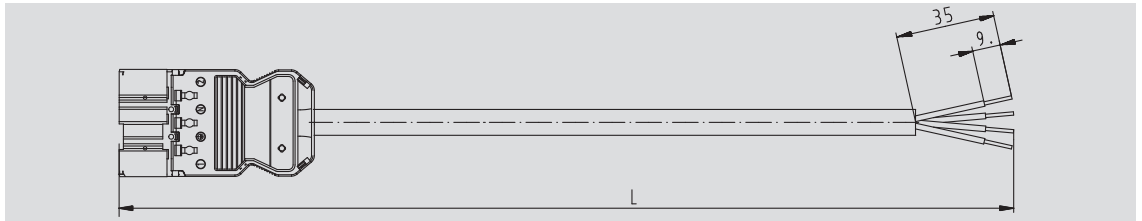
Rated voltage:	250 V / 400 V	Cable material, H05VV-F:	PVC, contains halogen
Rated current:	16 A	Cable material, H05Z1Z1-F:	halogen-free
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Protection rating:	IP20, IP40 when plugged	Wire stripping length:	9 mm
Approvals:	 	The use of a locking device is mandatory.	
Cable diameter:	9.2 mm	Locking device for flying leads: see Accessories	

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
N = BU
1 = BN
2 = BK



		Cable H05VV-F				Cable H05Z1Z1-F			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
black	Code 1 1, PE, N, 2	1.0	92.207.1004.1	50		92.207.1064.1	50		
		2.0	92.207.2004.1	25		92.207.2064.1	25		
		3.0	92.207.3004.1	20		92.207.3064.1	20		
		4.0	92.207.4004.1	15		92.207.4064.1	15		
		5.0	92.207.5004.1	10		92.207.5064.1	10		
		6.0	92.207.6004.1	10		92.207.6064.1	10		
		7.0	92.207.7004.1	5		92.207.7064.1	5		
		8.0	92.207.8004.1	5		92.207.8064.1	5		

		Cable H05VV-F				Cable H05Z1Z1-F			
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
white	Code 1 1, PE, N, 2	1.0	92.207.1004.2	50		92.207.1064.2	50		
		2.0	92.207.2004.2	25		92.207.2064.2	25		
		3.0	92.207.3004.2	20		92.207.3064.2	20		
		4.0	92.207.4004.2	15		92.207.4064.2	15		
		5.0	92.207.5004.2	10		92.207.5064.2	10		
		6.0	92.207.6004.2	10		92.207.6064.2	10		
		7.0	92.207.7004.2	5		92.207.7064.2	10		
		8.0	92.207.8004.2	5		92.207.8064.2	5		


		Cable H05VV-F				Cable H05Z1Z1-F			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
pebble gray	Code 2 1, PE, N, 2	1.0	92.207.1004.3	50		92.207.1064.3	50		
		2.0	92.207.2004.3	25		92.207.2064.3	25		
		3.0	92.207.3004.3	20		92.207.3064.3	20		
		4.0	92.207.4004.3	15		92.207.4064.3	15		
		5.0	92.207.5004.3	10		92.207.5064.3	10		
		6.0	92.207.6004.3	10		92.207.6064.3	10		
		7.0	92.207.7004.3	5		92.207.7064.3	10		
		8.0	92.207.8004.3	5		92.207.8064.3	5		



Other cables, other lengths, other codings on request

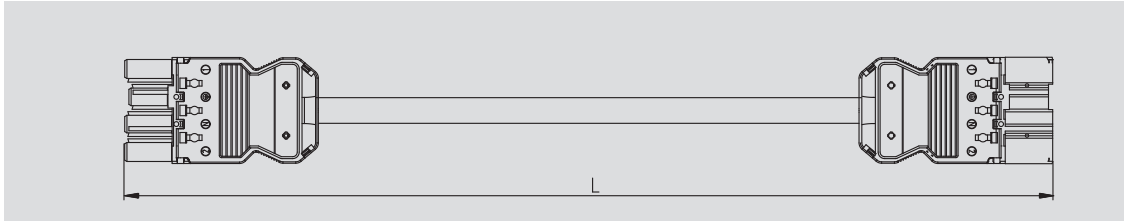


Cable assemblies, 4 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable black/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 1, PE, N, 2	1.0	92.208.1000.1	40	92.208.1060.1	40	
		2.0	92.208.2000.1	20	92.208.2060.1	20	
		3.0	92.208.3000.1	15	92.208.3060.1	15	
		4.0	92.208.4000.1	10	92.208.4060.1	10	
		5.0	92.208.5000.1	10	92.208.5060.1	10	
		6.0	92.208.6000.1	8	92.208.6060.1	8	
		7.0	92.208.7000.1	5	92.208.7060.1	5	
		8.0	92.208.8000.1	5	92.208.8060.1	5	

Cable white/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 1, PE, N, 2	1.0	92.208.1000.2	40	92.208.1060.2	50	
		2.0	92.208.2000.2	20	92.208.2060.2	20	
		3.0	92.208.3000.2	15	92.208.3060.2	15	
		4.0	92.208.4000.2	10	92.208.4060.2	15	
		5.0	92.208.5000.2	10	92.208.5060.2	15	
		6.0	92.208.6000.2	8	92.208.6060.2	10	
		7.0	92.208.7000.2	5	92.208.7060.2	5	
		8.0	92.208.8000.2	5	92.208.8060.2	5	

Cable black/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pebble gray	Code 2 1, PE, N, 2	1.0	92.208.1000.3	40	92.208.1060.3	40	
		2.0	92.208.2000.3	20	92.208.2060.3	20	
		3.0	92.208.3000.3	15	92.208.3060.3	15	
		4.0	92.208.4000.3	10	92.208.4060.3	10	
		5.0	92.208.5000.3	10	92.208.5060.3	10	
		6.0	92.208.6000.3	8	92.208.6060.3	8	
		7.0	92.208.7000.3	5	92.208.7060.3	5	
		8.0	92.208.8000.3	5	92.208.8060.3	5	



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 2.5 mm²

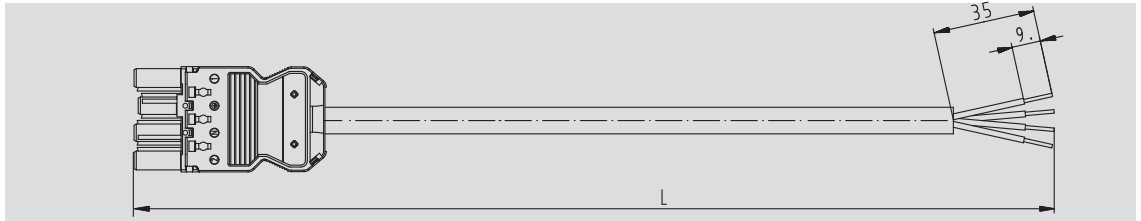
Rated voltage:	250 V / 400 V	Cable material, H05VV-F:	PVC, contains halogen
Rated current:	20 A	Cable material, H05Z1Z1-F:	halogen-free
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Protection rating:	IP20, IP40 when plugged	Wire stripping length:	9 mm
Approvals:	LR	The use of a locking device is mandatory.	
Cable diameter:	10.8 mm	Locking device for flying leads: see Accessories	

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
N = BU
1 = BN
2 = BK



		Cable H05VV-F				Cable H05Z1Z1-F			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
black	Code 1 2, N, PE, 1	1.0	92.208.1003.1	50		92.208.1063.1	50		
		2.0	92.208.2003.1	25		92.208.2063.1	25		
		3.0	92.208.3003.1	20		92.208.3063.1	20		
		4.0	92.208.4003.1	15		92.208.4063.1	15		
		5.0	92.208.5003.1	10		92.208.5063.1	10		
		6.0	92.208.6003.1	10		92.208.6063.1	10		
		7.0	92.208.7003.1	5		92.208.7063.1	5		
		8.0	92.208.8003.1	5		92.208.8063.1	5		

		Cable H05VV-F				Cable H05Z1Z1-F			
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
white	Code 1 2, N, PE, 1	1.0	92.208.1003.2	50		92.208.1063.2	50		
		2.0	92.208.2003.2	25		92.208.2063.2	25		
		3.0	92.208.3003.2	20		92.208.3063.2	20		
		4.0	92.208.4003.2	15		92.208.4063.2	15		
		5.0	92.208.5003.2	10		92.208.5063.2	10		
		6.0	92.208.6003.2	10		92.208.6063.2	10		
		7.0	92.208.7003.2	5		92.208.7063.2	10		
		8.0	92.208.8003.2	5		92.208.8063.2	5		



		Cable H05VV-F				Cable H05Z1Z1-F			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
pebble gray	Code 2 2, N, PE, 1	1.0	92.208.1003.3	50		92.208.1063.3	50		
		2.0	92.208.2003.3	25		92.208.2063.3	25		
		3.0	92.208.3003.3	20		92.208.3063.3	20		
		4.0	92.208.4003.3	15		92.208.4063.3	15		
		5.0	92.208.5003.3	10		92.208.5063.3	10		
		6.0	92.208.6003.3	10		92.208.6063.3	10		
		7.0	92.208.7003.3	10		92.208.7063.3	10		
		8.0	92.208.8003.3	5		92.208.8063.3	5		



Other cables, other lengths, other codings on request



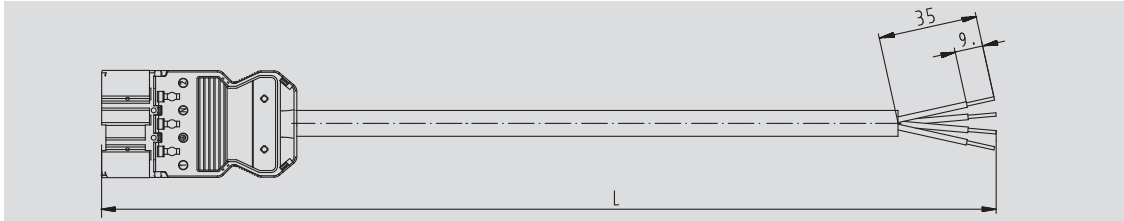
Cable assemblies, 4 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  LR 
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable black/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black	Code 1 1, PE, N, 2	1.0	92.208.1004.1	50	92.208.1064.1	50	
		2.0	92.208.2004.1	25	92.208.2064.1	25	
		3.0	92.208.3004.1	20	92.208.3064.1	20	
		4.0	92.208.4004.1	15	92.208.4064.1	15	
		5.0	92.208.5004.1	10	92.208.5064.1	10	
		6.0	92.208.6004.1	10	92.208.6064.1	10	
		7.0	92.208.7004.1	5	92.208.7064.1	5	
		8.0	92.208.8004.1	5	92.208.8064.1	5	



Cable white/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white	Code 1 1, PE, N, 2	1.0	92.208.1004.2	50	92.208.1064.2	50	
		2.0	92.208.2004.2	25	92.208.2064.2	25	
		3.0	92.208.3004.2	20	92.208.3064.2	20	
		4.0	92.208.4004.2	15	92.208.4064.2	15	
		5.0	92.208.5004.2	10	92.208.5064.2	10	
		6.0	92.208.6004.2	10	92.208.6064.2	10	
		7.0	92.208.7004.2	5	92.208.7064.2	10	
		8.0	92.208.8004.2	5	92.208.8064.2	5	

Cable black/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
pebble gray	Code 2 1, PE, N, 2	1.0	92.208.1004.3	50	92.208.1064.3	50	
		2.0	92.208.2004.3	25	92.208.2064.3	25	
		3.0	92.208.3004.3	20	92.208.3064.3	20	
		4.0	92.208.4004.3	15	92.208.4064.3	15	
		5.0	92.208.5004.3	10	92.208.5064.3	10	
		6.0	92.208.6004.3	10	92.208.6064.3	10	
		7.0	92.208.7004.3	5	92.208.7064.3	10	
		8.0	92.208.8004.3	5	92.208.8064.3	5	



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.1 mm

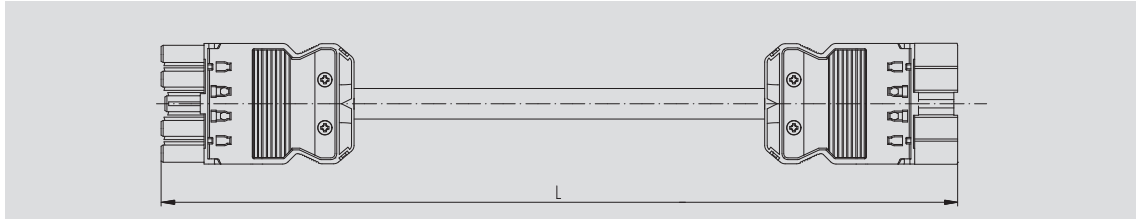
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY




Cable H05VV-F					Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 1, 2, PE, N, 3	1.0	92.257.1000.1	30		92.257.1060.1	30
		2.0	92.257.2000.1	20		92.257.2060.1	20
		3.0	92.257.3000.1	15		92.257.3060.1	15
		4.0	92.257.4000.1	10		92.257.4060.1	10
		5.0	92.257.5000.1	10		92.257.5060.1	10
		6.0	92.257.6000.1	8		92.257.6060.1	8
		7.0	92.257.7000.1	5		92.257.7060.1	5
		8.0	92.257.8000.1	5		92.257.8060.1	5

Cable H05VV-F					Cable H05Z1Z1-F		
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 1, 2, PE, N, 3	1.0	92.257.1000.2	30		92.257.1060.2	30
		2.0	92.257.2000.2	20		92.257.2060.2	20
		3.0	92.257.3000.2	15		92.257.3060.2	15
		4.0	92.257.4000.2	10		92.257.4060.2	10
		5.0	92.257.5000.2	10		92.257.5060.2	10
		6.0	92.257.6000.2	8		92.257.6060.2	8
		7.0	92.257.7000.2	5		92.257.7060.2	5
		8.0	92.257.8000.2	5		92.257.8060.2	5

Cable H05VV-F					Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	Code 2 D1, D2, PE, N, L	1.0	92.257.1000.9	30		92.257.1060.9	30
		2.0	92.257.2000.9	20		92.257.2060.9	20
		3.0	92.257.3000.9	15		92.257.3060.9	15
		4.0	92.257.4000.9	10		92.257.4060.9	10
		5.0	92.257.5000.9	10		92.257.5060.9	10
		6.0	92.257.6000.9	8		92.257.6060.9	8
		7.0	92.257.7000.9	5		92.257.7060.9	5
		8.0	92.257.8000.9	5		92.257.8060.9	5

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

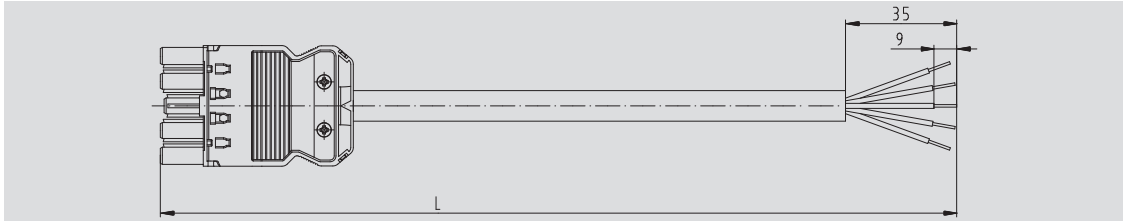
Connection cables female – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable black/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 3, N, PE, 2, 1	1.0	92.257.1003.1	30		92.257.1063.1	30	
		2.0	92.257.2003.1	20		92.257.2063.1	20	
		3.0	92.257.3003.1	15		92.257.3063.1	15	
		4.0	92.257.4003.1	10		92.257.4063.1	10	
		5.0	92.257.5003.1	10		92.257.5063.1	10	
		6.0	92.257.6003.1	8		92.257.6063.1	8	
		7.0	92.257.7003.1	5		92.257.7063.1	5	
		8.0	92.257.8003.1	5		92.257.8063.1	5	



Cable white/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 3, N, PE, 2, 1	1.0	92.257.1003.2	30		92.257.1063.2	30	
		2.0	92.257.2003.2	20		92.257.2063.2	20	
		3.0	92.257.3003.2	15		92.257.3063.2	15	
		4.0	92.257.4003.2	10		92.257.4063.2	10	
		5.0	92.257.5003.2	8		92.257.5063.2	10	
		6.0	92.257.6003.2	8		92.257.6063.2	8	
		7.0	92.257.7003.2	5		92.257.7063.2	5	
		8.0	92.257.8003.2	5		92.257.8063.2	5	

Cable black/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	Code 2 L, N, PE, D2, D1	1.0	92.257.1003.9	30		92.257.1063.9	30	
		2.0	92.257.2003.9	20		92.257.2063.9	20	
		3.0	92.257.3003.9	15		92.257.3063.9	15	
		4.0	92.257.4003.9	10		92.257.4063.9	10	
		5.0	92.257.5003.9	10		92.257.5063.9	10	
		6.0	92.257.6003.9	8		92.257.6063.9	8	
		7.0	92.257.7003.9	5		92.257.7063.9	5	
		8.0	92.257.8003.9	5		92.257.8063.9	5	



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

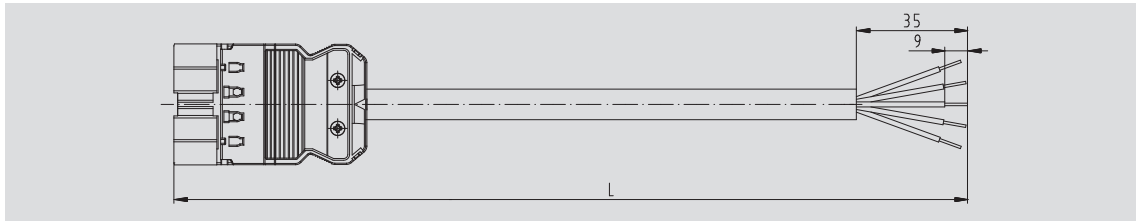
Connection cables male – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY





Cable H05VV-F					Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 1, 2, PE, N, 3	1.0	92.257.1004.1	30		92.257.1064.1	30
		2.0	92.257.2004.1	20		92.257.2064.1	20
		3.0	92.257.3004.1	15		92.257.3064.1	15
		4.0	92.257.4004.1	10		92.257.4064.1	10
		5.0	92.257.5004.1	10		92.257.5064.1	10
		6.0	92.257.6004.1	8		92.257.6064.1	8
		7.0	92.257.7004.1	5		92.257.7064.1	5
		8.0	92.257.8004.1	5		92.257.8064.1	5

Cable H05VV-F					Cable H05Z1Z1-F		
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 1, 2, PE, N, 3	1.0	92.257.1004.2	30		92.257.1064.2	30
		2.0	92.257.2004.2	20		92.257.2064.2	20
		3.0	92.257.3004.2	15		92.257.3064.2	15
		4.0	92.257.4004.2	10		92.257.4064.2	10
		5.0	92.257.5004.2	10		92.257.5064.2	10
		6.0	92.257.6004.2	8		92.257.6064.2	8
		7.0	92.257.7004.2	5		92.257.7064.2	5
		8.0	92.257.8004.2	5		92.257.8064.2	5

Cable H05VV-F					Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	Code 2 D1, D2, PE, N, L	1.0	92.257.1004.9	30		92.257.1064.9	30
		2.0	92.257.2004.9	20		92.257.2064.9	20
		3.0	92.257.3004.9	15		92.257.3064.9	15
		4.0	92.257.4004.9	10		92.257.4064.9	10
		5.0	92.257.5004.9	10		92.257.5064.9	10
		6.0	92.257.6004.9	8		92.257.6064.9	8
		7.0	92.257.7004.9	5		92.257.7064.9	5
		8.0	92.257.8004.9	5		92.257.8064.9	5

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 12.1 mm

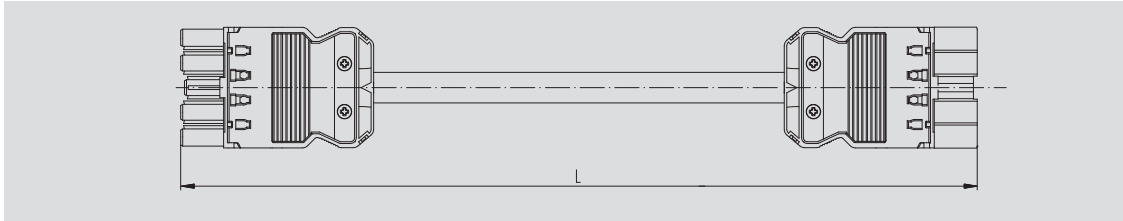
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable black/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 1, 2, PE, N, 3	1.0	92.258.1000.1	30		92.258.1060.1	30	
		2.0	92.258.2000.1	20		92.258.2060.1	15	
		3.0	92.258.3000.1	10		92.258.3060.1	10	
		4.0	92.258.4000.1	10		92.258.4060.1	10	
		5.0	92.258.5000.1	8		92.258.5060.1	8	
		6.0	92.258.6000.1	5		92.258.6060.1	5	
		7.0	92.258.7000.1	5		92.258.7060.1	5	
		8.0	92.258.8000.1	4		92.258.8060.1	4	

Cable white/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 1, 2, PE, N, 3	1.0	92.258.1000.2	30		92.258.1060.2	30	
		2.0	92.258.2000.2	20		92.258.2060.2	15	
		3.0	92.258.3000.2	10		92.258.3060.2	10	
		4.0	92.258.4000.2	10		92.258.4060.2	10	
		5.0	92.258.5000.2	8		92.258.5060.2	8	
		6.0	92.258.6000.2	5		92.258.6060.2	5	
		7.0	92.258.7000.2	5		92.258.7060.2	5	
		8.0	92.258.8000.2	4		92.258.8060.2	4	

Cable black/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	Code 2 D1, D2, PE, N, L	1.0	92.258.1000.9	30		92.258.1060.9	30	
		2.0	92.258.2000.9	20		92.258.2060.9	15	
		3.0	92.258.3000.9	10		92.258.3060.9	10	
		4.0	92.258.4000.9	10		92.258.4060.9	10	
		5.0	92.258.5000.9	8		92.258.5060.9	8	
		6.0	92.258.6000.9	5		92.258.6060.9	5	
		7.0	92.258.7000.9	5		92.258.7060.9	5	
		8.0	92.258.8000.9	4		92.258.8060.9	4	





GST18i5



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 12.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

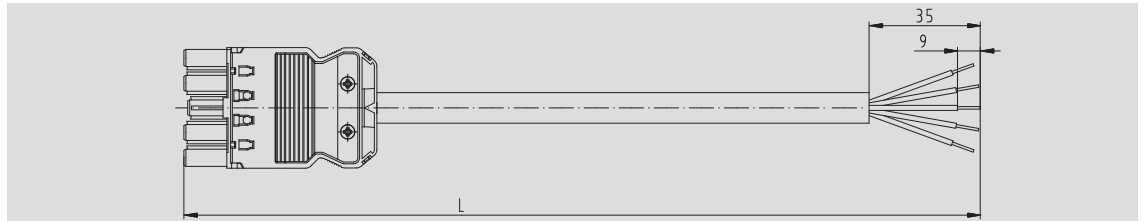
Connection cables female – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY




Cable H05VV-F					Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	1.0	92.258.1003.1	30		92.258.1063.1	30	
	2.0	92.258.2003.1	20		92.258.2063.1	15	
	3.0	92.258.3003.1	15		92.258.3063.1	15	
	4.0	92.258.4003.1	10		92.258.4063.1	10	
	5.0	92.258.5003.1	8		92.258.5063.1	8	
	6.0	92.258.6003.1	5		92.258.6063.1	5	
	7.0	92.258.7003.1	5		92.258.7063.1	5	
	8.0	92.258.8003.1	5		92.258.8063.1	5	

Cable H05VV-F					Cable H05Z1Z1-F		
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	1.0	92.258.1003.2	30		92.258.1063.2	30	
	2.0	92.258.2003.2	20		92.258.2063.2	20	
	3.0	92.258.3003.2	15		92.258.3063.2	15	
	4.0	92.258.4003.2	10		92.258.4063.2	10	
	5.0	92.258.5003.2	8		92.258.5063.2	8	
	6.0	92.258.6003.2	5		92.258.6063.2	5	
	7.0	92.258.7003.2	5		92.258.7063.2	5	
	8.0	92.258.8003.2	5		92.258.8063.2	5	

Cable H05VV-F					Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	1.0	92.258.1003.9	30		92.258.1063.9	30	
	2.0	92.258.2003.9	20		92.258.2063.9	15	
	3.0	92.258.3003.9	10		92.258.3063.9	10	
	4.0	92.258.4003.9	10		92.258.4063.9	8	
	5.0	92.258.5003.9	8		92.258.5063.9	5	
	6.0	92.258.6003.9	5		92.258.6063.9	5	
	7.0	92.258.7003.9	5		92.258.7063.9	5	
	8.0	92.258.8003.9	5		92.258.8063.9	4	

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 12.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

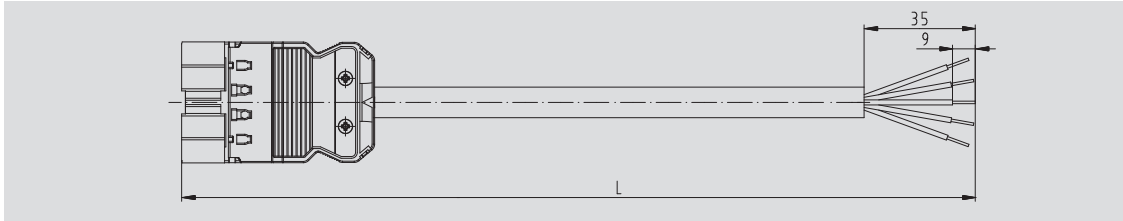
Connection cables male – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable black/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 1, 2, PE, N, 3	1.0	92.258.1004.1	30		92.258.1064.1	30	
		2.0	92.258.2004.1	20		92.258.2064.1	15	
		3.0	92.258.3004.1	15		92.258.3064.1	15	
		4.0	92.258.4004.1	10		92.258.4064.1	10	
		5.0	92.258.5004.1	8		92.258.5064.1	8	
		6.0	92.258.6004.1	5		92.258.6064.1	5	
		7.0	92.258.7004.1	5		92.258.7064.1	5	
		8.0	92.258.8004.1	5		92.258.8064.1	5	

Cable white/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 1, 2, PE, N, 3	1.0	92.258.1004.2	30		92.258.1064.2	30	
		2.0	92.258.2004.2	20		92.258.2064.2	20	
		3.0	92.258.3004.2	15		92.258.3064.2	15	
		4.0	92.258.4004.2	10		92.258.4064.2	10	
		5.0	92.258.5004.2	8		92.258.5064.2	8	
		6.0	92.258.6004.2	5		92.258.6064.2	5	
		7.0	92.258.7004.2	5		92.258.7064.2	5	
		8.0	92.258.8004.2	5		92.258.8064.2	5	

Cable black/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	Code 2 D1, D2, PE, N, L	1.0	92.258.1004.9	30		92.258.1064.9	30	
		2.0	92.258.2004.9	20		92.258.2064.9	15	
		3.0	92.258.3004.9	15		92.258.3064.9	10	
		4.0	92.258.4004.9	10		92.258.4064.9	10	
		5.0	92.258.5004.9	8		92.258.5064.9	8	
		6.0	92.258.6004.9	5		92.258.6064.9	5	
		7.0	92.258.7004.9	5		92.258.7064.9	5	
		8.0	92.258.8004.9	5		92.258.8064.9	4	





GST18i5



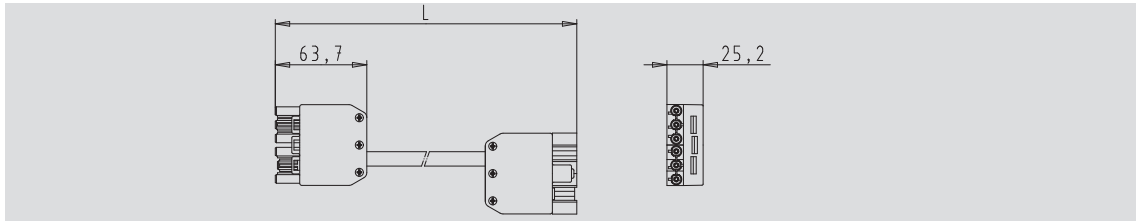
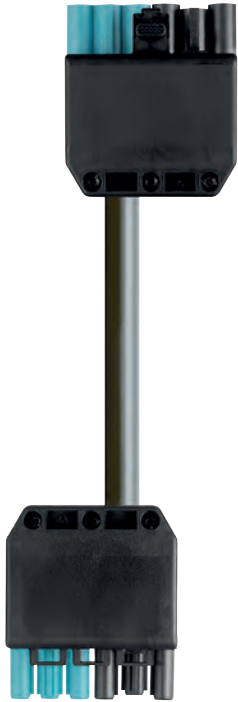
Other cables, other lengths, other codings on request

Cable assemblies, 6 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 11.2 mm

Cable material, S05HH-F: halogen-free
 Cable material, LSOH as per BS7211: halogen-free
 The use of a locking device is mandatory.

Connecting cables female – male



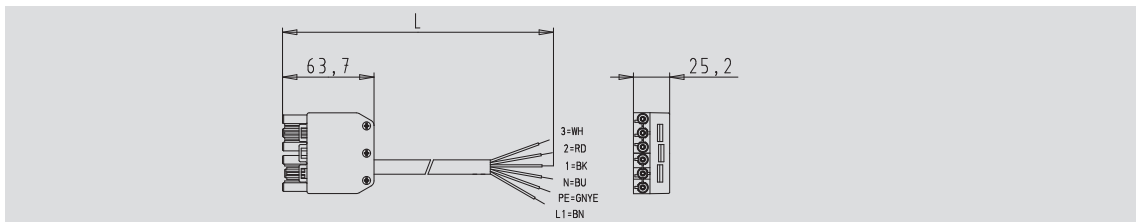
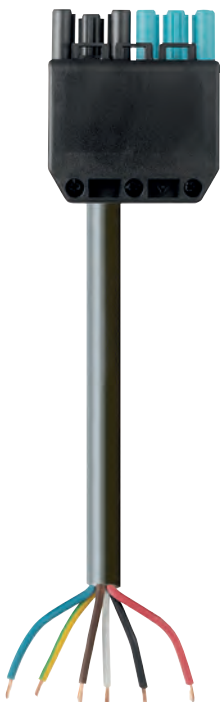
Cable S05HH-F					Cable LSOH as per BS7211			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black/ pastel blue	Code 1	1.0	99.411.0028.0	30				
		2.0	99.412.0028.0	20		G1.066.0202.7		
		3.0	99.413.0028.0	10		G1.066.0302.7		
		4.0	99.414.0028.0	10		G1.066.0402.7		
		5.0	99.415.0028.0	8		G1.066.0502.7		
		6.0	99.416.0028.0	5		G1.066.0602.7		
		7.0	99.417.0028.0	5		G1.066.0702.7		
		8.0	99.418.0028.0	5				
		9.0						
		10.0					G1.066.1002.7	



Power 250 V + dimming:

- ⊕ = GN/YE
- N = BU
- L1 = BN
- 1 = BK
- 2 = RT
- 3 = WS

Connection cables female – free end
 Wire ends ultrason. welded



Cable S05HH-F					Cable LSOH as per BS7211			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black/ pastel blue	Code 1	1.0	99.431.0028.0	30				
		2.0	99.432.0028.0	20		G1.366.0202.7		
		3.0	99.433.0028.0	10		G1.366.0302.7		
		4.0	99.434.0028.0	10		G1.366.0402.7		
		5.0	99.435.0028.0	8		G1.366.0502.7		
		6.0	99.436.0028.0	5		G1.366.0602.7		
		7.0	99.437.0028.0	5		G1.366.0702.7		
		8.0	99.438.0028.0	5				
		9.0						
		10.0					G1.366.1002.7	





Power 250 V + dimming:

- ⊕ = GN/YE
- N = BU
- L1 = BN
- 1 = BK
- 2 = RT
- 3 = WS

Other cables, other lengths, other codings on request

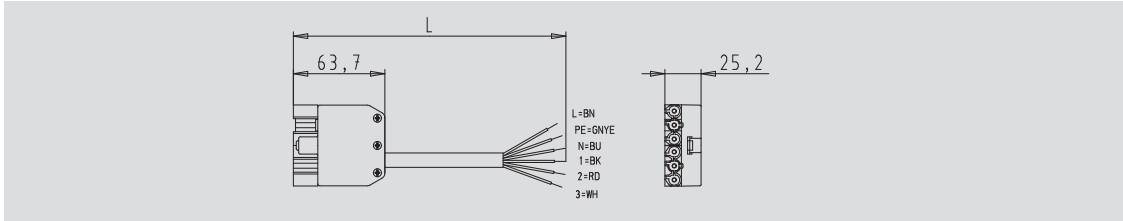


Cable assemblies, 6 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 11.2 mm

Cable material, S05HH-F: halogen-free
 Cable material, LSOH as per BS7211: halogen-free
 The use of a locking device is mandatory.

Connection cables male – free end
 Wire ends ultrason. welded



Cable black/coding	Length m	Cable S05HH-F			Cable LSOH as per BS7211			
		Part No.	P. U.	Price	Part No.	P. U.	Price	
black/ pastel blue	Code 1	1.0	99.451.0028.0	30				
		2.0	99.452.0028.0	20	G1.466.0202.7			
		3.0	99.453.0028.0	10	G1.466.0302.7			
		4.0	99.454.0028.0	10	G1.466.0402.7			
		5.0	99.455.0028.0	8	G1.466.0502.7			
		6.0	99.456.0028.0	5	G1.466.0602.7			
		7.0	99.457.0028.0	5	G1.466.0702.7			
		8.0	99.458.0028.0	5				
		9.0						
		10.0				G1.466.1002.7		



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WS



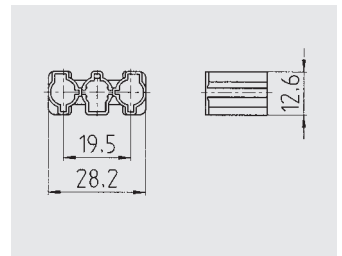
Covers

3 pole for covering open contacts

for female connectors



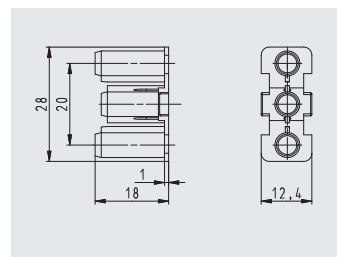
Color	Coding	Part No.	P. U.	Price
white		05.561.3653.0	100	
black	■	05.561.3653.1	100	



for male connectors



Color	Coding	Part No.	P. U.	Price
white		05.594.4250.0	100	
black	■	05.594.4253.0	100	

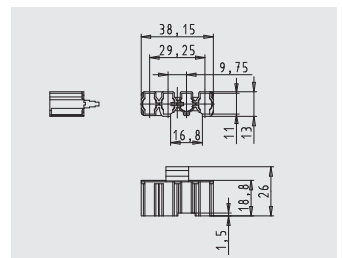


4 pole for covering open contacts

for female connectors



Color	Coding	Part No.	P. U.	Price
black	■	05.566.9153.0	100	

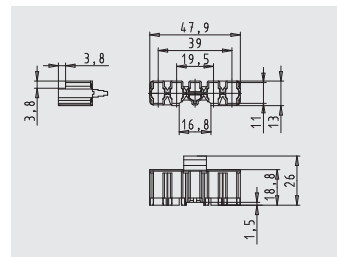


5 pole for covering open contacts

for female connectors



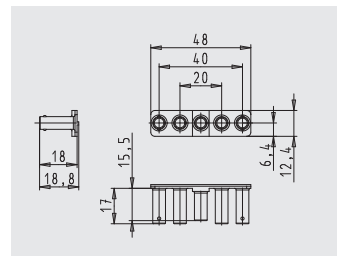
Color	Coding	Part No.	P. U.	Price
black	■	05.566.9253.0	100	



for male connectors

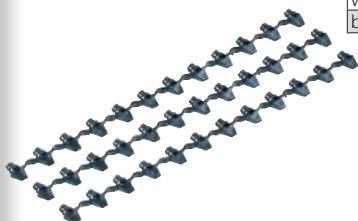


Color	Coding	Part No.	P. U.	Price
black	■	05.583.1853.0	100	

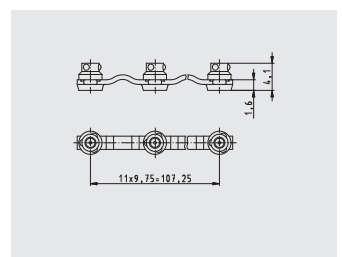


3/4/5/6 pole for covering open contacts, 12 units

for female connectors



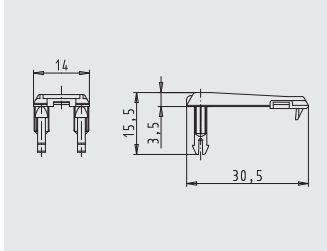
Color	Coding	Part No.	P. U.	Price
white		05.564.5353.2	10	
black	■	05.564.5353.0	10	



Locking devices, snap-in frame

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged Approvals:

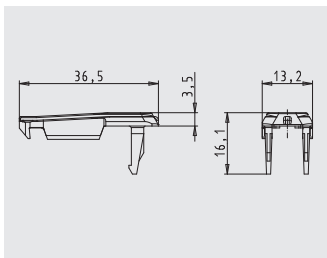
Locking devices for solder parts



Color		Part No.	P. U.	Price
white		05.590.4556.0	50	
black		05.590.4556.1	50	



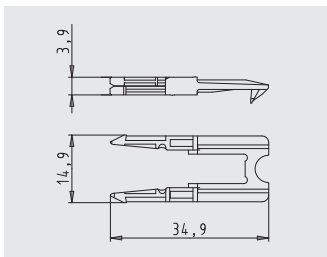
Locking device for flying leads



Color		Part No.	P. U.	Price
white		05.587.3156.0	50	
black		05.587.3156.1	50	



3/4/5 pole as spare part for distribution units

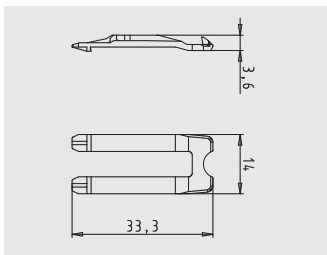


Color		Part No.	P. U.	Price
white		05.588.5753.0	50	
black		05.588.5753.1	50	

Slide lock
Distribution unit



3/4/5 pole as spare part for snap-in

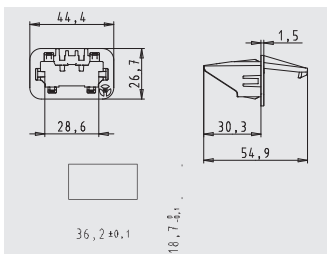


Color		Part No.	P. U.	Price
white		05.595.1453.0	100	
black		05.595.1453.2	100	

Slide lock
Snap-in



Snap-in frame for GST18i3 connectors and cables



Color		Part No.	P. U.	Price
black		06.561.7853.0	50	

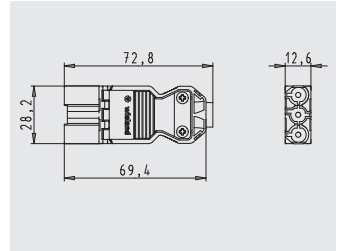


Servicing plugs for *gesis*[®] ELECTRONIC

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged Approvals:

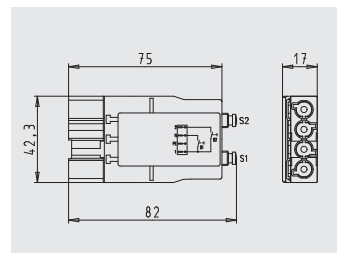
3 pole, testing plug, 1 socket, output 230 V

Color	Coding	Part No.	P. U.	Price
white	Code 1 L, PE, N	92.002.5153.1	1	



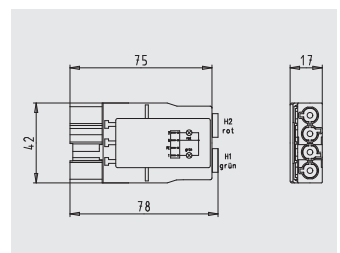
4 pole, testing plug, 2 sockets, input 230 V

Color	Coding	Part No.	P. U.	Price
pebble gray	Code 2 1, PE, N, 2	92.002.5053.0	1	



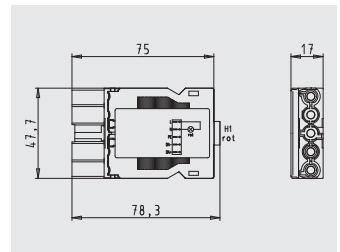
4 pole, testing plug, 2 sockets, output 230 V

Color	Coding	Part No.	P. U.	Price
black	Code 1 1, PE, N, 2	92.002.5253.1	1	



5 pole, testing plug, 1 socket, S/D output 230 V

Color	Coding	Part No.	P. U.	Price
pastel blue	Code 2 D1, D2, PE, N, L	92.002.5353.0	1	



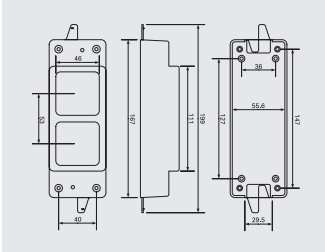
Pluggable outlet strips

Rated voltage:
Rated current:
Protection rating:
Approvals:
Locking device:

250 V
16 A
IP20, IP40 when plugged
integrated

Routing: GST18i3 Buchse
Incoming supply: GST18i3 Stecker
Observe installation instructions, observe technical notes,
see instructions and technical Data in the catalog!

3 pole, pluggable outlet strips, 2 sockets

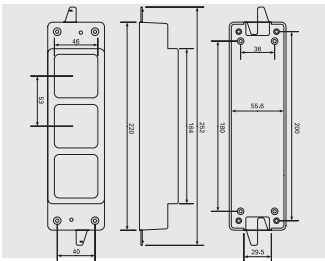


Color	Coding	Part No.	P. U.	Price
white	Code 1 L, PE, N	99.612.0028.0	1	
black	Code 1 L, PE, N	99.600.0028.0	30	

Outlet, 2 sockets
WSDL 1-2



3 pole, pluggable outlet strips, 3 sockets, without contact protection



Color	Coding	Part No.	P. U.	Price
white	Code 1 L, PE, N	99.602.0028.0	1	
black	Code 1 L, PE, N	99.601.0028.0	25	

Female connector
WSDL 1-3



3 pole, pluggable outlet strips, 3 sockets with contact protection

Color	Coding	Part No.	P. U.	Price
white	Code 1 L, PE, N	99.653.0028.0	1	
black	Code 1 L, PE, N	99.652.0028.0	1	

3 pole, overvoltage protection plug

Color	Fault display	Part No.	P. U.	Price
gray, code 1	Optical	84.990.1242.0	1	

Color	Fault display	Part No.	P. U.	Price
gray, code 1	Acoustical	84.990.1243.0	1	

Male connector



Distribution boxes, covers

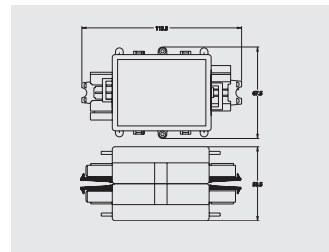
Rated voltage: 230 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged Internal wiring: 2.5 mm² halogen-free

Distribution box, 3 pole, 1I/30 with locking device

Distribution box



Housing color white, Coding		Part No.	P. U.	Price
pebble gray	Code 2	L, PE, N	99.500.0028.0	25
salmon red	Code 3	L, PE, N	99.501.0028.0	25
Other codings and wirings on request				

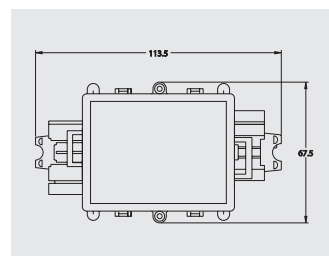


4 pole, 1I/30 with locking device

Distribution box

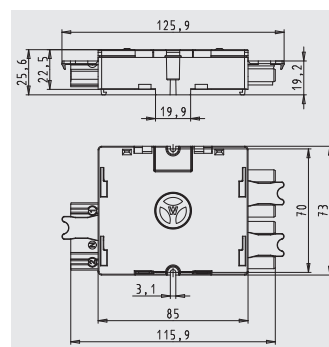


Housing color white, Coding		Part No.	P. U.	Price
black	Code 1	2, N, PE, 1	99.502.0028.0	25
Other codings and wirings on request				



Distribution unit GST18, left empty for device connections, max. 7 poles per side

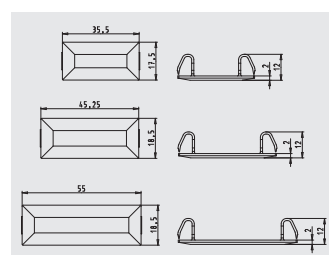
Housing color white, Coding		Part No.	P. U.	Price
white			99.503.0028.0	
Distribution box is available pre-assembled as per customer specifications				



Covers for covering open housing cutouts GST18



Color		Part No.	P. U.	Price
white		GST18i3	07.425.8753.0	100
		GST18i4	07.425.8853.0	100
		GST18i5	07.425.8953.0	100



Distribution boxes

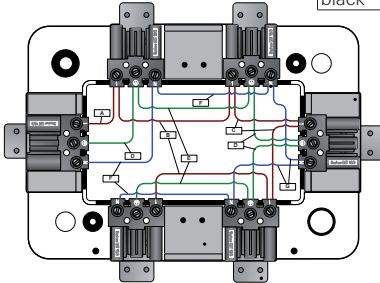
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

internal wiring: 2.5 mm² halogen-free

Examples for customized fitting and wiring:

3 pole, input GST18i3 black, output 5x GST18i3 black

Color	Coding	Outputs	Part No.	P. U.	Price
black	Code 1		99.234.0028.0	24	

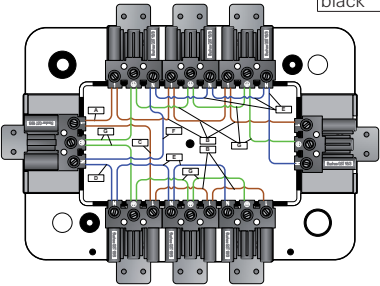


Blackbox housing



3 pole, input GST18i3 black, output 7x GST18i3 black

Color	Coding	Outputs	Part No.	P. U.	Price
black	Code 1		99.238.0028.0	24	

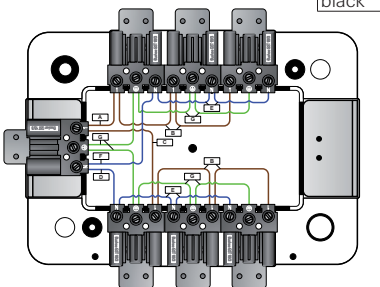


Blackbox housing



3 pole, input GST18i3 black, output 6x GST18i3 black

Color	Coding	Outputs	Part No.	P. U.	Price
black	Code 1		99.293.0028.0	24	

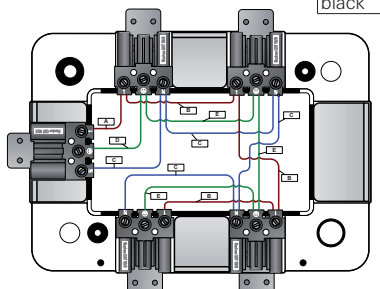


Blackbox housing



3 pole, input GST18i3 black, output 4x GST18i3 black

Color	Coding	Outputs	Part No.	P. U.	Price
black	Code 1		99.297.0028.0	24	



Blackbox housing



Distribution boxes

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

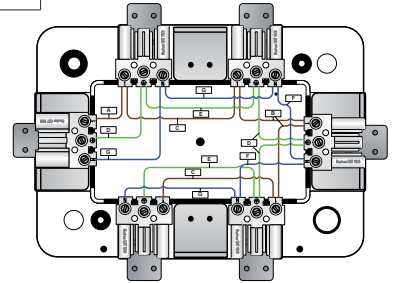
internal wiring: 2.5 mm² halogen-free
 Examples for customized fitting and wiring:

3 pole, input GST18i3 white, output 5x GST18i3 white

Blackbox housing



Color	Coding	Outputs	Part No.	P. U.	Price
black	Code 1		99.188.0028.0	24	

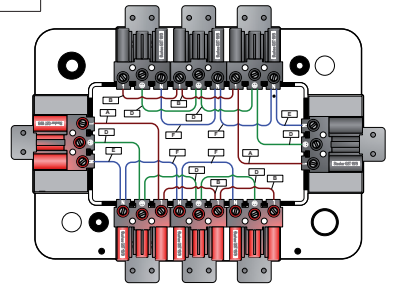


3 pole, input GST18i3 red/black, output 3x GST18i3 black/red

Blackbox housing



Color	Coding	Outputs	Part No.	P. U.	Price
black/ salmon red	Code 1/3		99.202.0028.0	24	

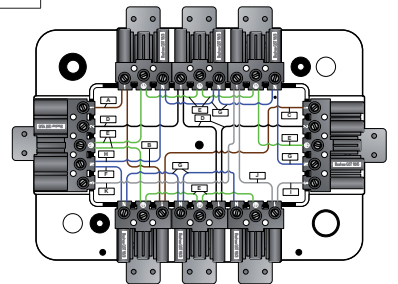


5-/3 pole, input GST18i5 black, output 6x GST18i3 black, 1x GST18i5 black

Blackbox housing



Color	Coding	Outputs	Part No.	P. U.	Price
black	Code 1		99.237.0028.0	24	

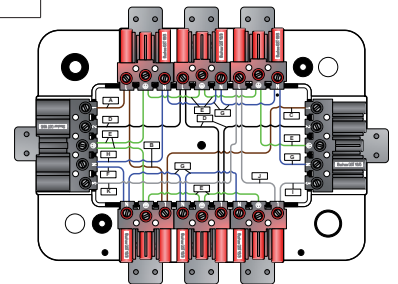


5-/3 pole, input GST18i5 black, output 6x GST18i3 red, 1x GST18i5 black

Blackbox housing



Color	Coding	Outputs	Part No.	P. U.	Price
black/ salmon red	Code 1/3		99.281.0028.0	24	



Distribution boxes

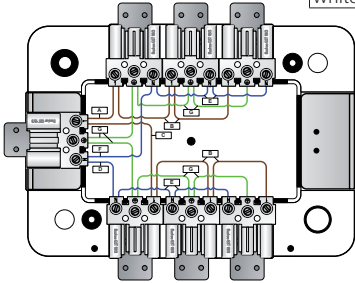
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

internal wiring: 2.5 mm² halogen-free

Examples for customized fitting and wiring:

3 pole, input GST18i3 white, output 6x GST18i3 white

Color	Coding	Outputs	Part No.	P. U.	Price
white	Code 1		99.294.0028.0	24	

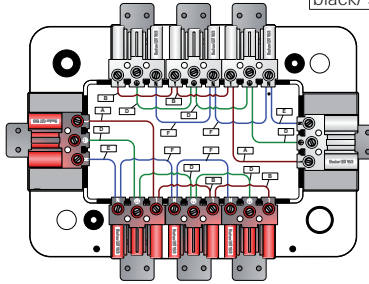


Blackbox housing



3 pole, input GST18i3 red/white, output 3x GST18i3 red/white

Color	Coding	Outputs	Part No.	P. U.	Price
black/ salmon red	Code 1/3		99.308.0028.0	24	



Blackbox housing



Ignition voltage up to 5 kV – safe connections for “No Flame” plug connectors according to EN 60 335-1

High-intensity discharge lamps are very cost-effective and produce an extremely high light yield. Special electronic ballasts are required to ignite these lamps. These can be either integrated into the luminaire or installed separately. A dedicated series of plug connectors is available for facilitating the wiring between spatially separated electronic ballasts and the corresponding lamps.

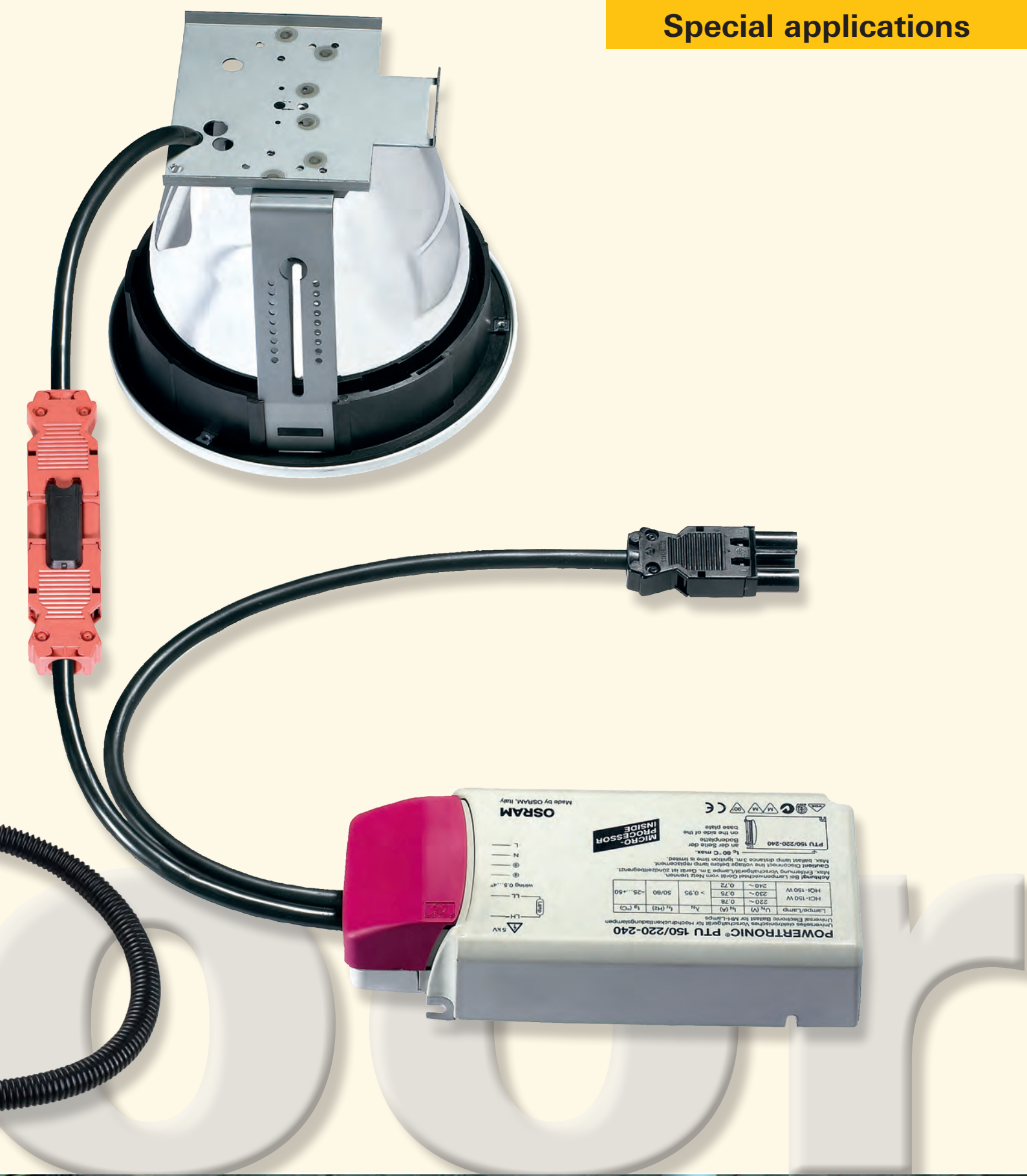
All connectors and pre-assembled cables carry the special mark “5 kV”. The special coding prevents an accidental connection to our GST 18 black-and-white standard coding.

Our “No Flame” connectors **GST18i3** to **GST18i5** have been manufactured and marked especially for applications that must pass a flammability test according to EN 60335-1 (German standard VDE 0700-1). Glow wire-resistant “No Flame” material.



More information
<http://eshop.wieland-electric.com>





OSRAM
Made by OSRAM, Italy

POWERTRONIC® PTU 150/220-240
Universal elektronisches Vorwärmgerät für Hochdrucknatriumdampflampen
Lamp/Lamp U_N (V) I_N (A) f_N (Hz) f_s (Hz)

HCL-150 W	240 ~	0,72		
HCL-150 W	230 ~	0,75		
HCL-150 W	220 ~	0,78		
	50/60	> 0,95		-25...+50

Achtung! Bei Lampenwechsel Gerät vom Netz trennen.
Max. Entfernung Vorwärmgerät/Lampe 2 m; Gerät ist schutzisoliert.
Caution! Disconnect the voltage before lamp replacement.
Max. ballast lamp distance 2 m; ballast is insulated.
in der Seite der Base plate
PTU 150/220-240
Boardspannung
on the side of the MICRO-PROCESSOR INSIDE

5kV

Wiring: L, N, PE, LL, LH



No flame: Connectors with screw connection



Glow wire resistant „No-Flame“ material

Wire cross-section

solid/fine-stranded:

0.75 – 2.5 mm²

Rated voltage:

250 V

Rated current:

20 A

Rated impulse voltage:

4 kV

Protection rating:

IP20, IP40 when plugged

Connections per pole:

1, without ferrules

Solder fixation in PC board:

for solder paste mask see Technical Data

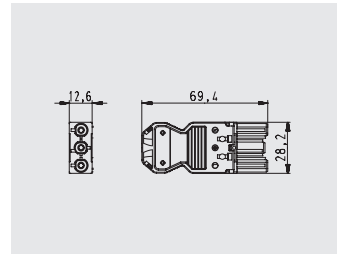
Especially for applications requiring fire hazard tests as per the standard EN 60335-1, observe Technical data.

3 pole, cable diameter 6.5 – 10.5 mm, unassembled

Female connector
GST18i3 S B1 Z R1



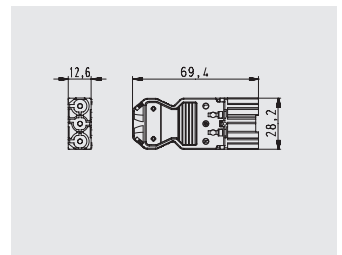
Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 N, PE, L	92.931.3057.0		



Male connector
GST18i3 S S1 Z R1 Z R1



Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 L, PE, N	92.932.3057.0		

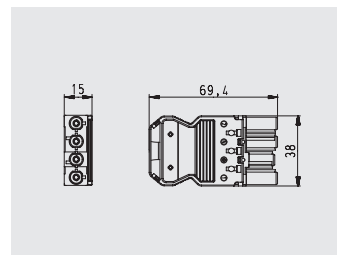


4 pole, cable diameter 7.1 – 12.0 mm, unassembled

Female connector
GST18i4 S B1 Z R1



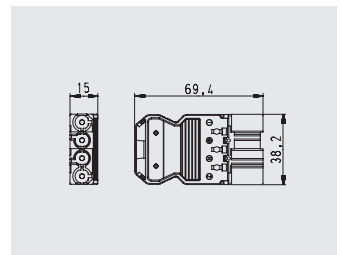
Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 2, N, PE, 1	92.943.3057.0		



Male connector
GST18i4 S S1 Z R1



Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 1, PE, N, 2	92.944.3057.0		

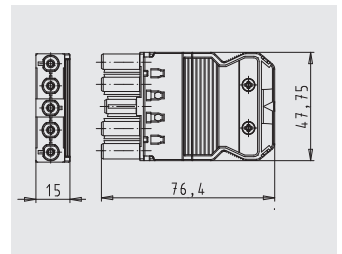


5 pole, cable diameter 8.5 – 12.5 mm, unassembled

Female connector
GST18i5 S B1 Z R1



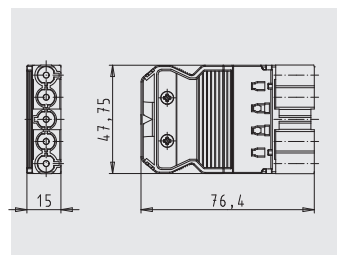
Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 3, N, PE, 2, 1	92.953.4057.0		



Male connector
GST18i5 S S1 Z R1



Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 1, 2, PE, N, 3	92.954.4057.0		



GST18i3

GST18i4

GST18i5

No flame: Snap-in, solder part

Glow wire resistant „No-Flame“ material

Wire cross-section

solid/fine-stranded:

0.75 – 2.5 mm²

Rated voltage:

250 V

Rated current:

20 A

Rated impulse voltage:

4 kV

Protection rating:

Connections per pole:

Solder parts:

Solder fixation in PC board:

Especially for applications requiring fire hazard tests

as per the standard EN 60335-1, observe Technical data.

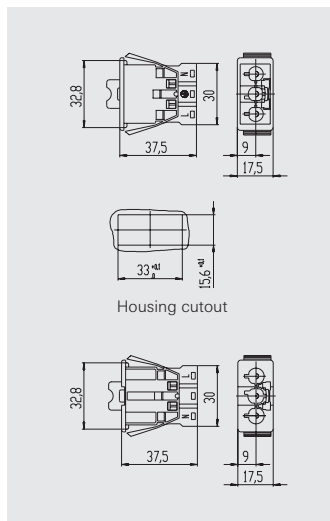
IP20, IP40 when plugged

1 at solder part, 2 at snap-in

ferrules not relevant

for solder paste mask see Technical Data

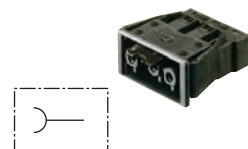
3 pole, GST18i3 Snap-in



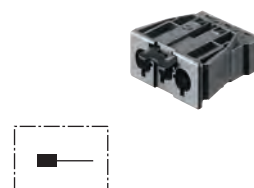
Color	Coding	Part No.	P. U.	Price
black	Code 1 N, PE, L	92.031.7657.1	100	
light ivory	Code 1 N, PE, L	92.031.7657.0		

Color	Coding	Part No.	P. U.	Price
black	Code 1 L, PE, N	92.032.7657.1	100	
light ivory	Code 1 L, PE, N	92.032.7657.0		

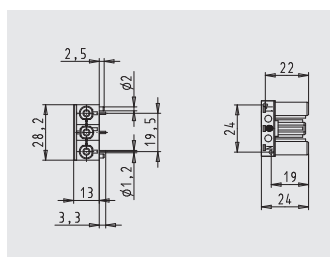
Female connector



Male connector

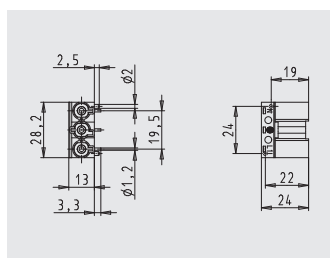
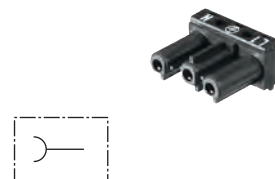


3 pole, solder part GST18i3, solder pin length = 3.3 mm



Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 L, PE, N	92.033.0057.0	100	

Female connector
GST18i3 L B1 H



Color	Coding	Part No.	P. U.	Price
light ivory	Code 1 L, PE, N	92.034.0057.0	100	

Male connector
GST18i3 L S1 H



GST18i3

GST18i3

Ignition voltage: Connectors



Rated voltage: 250 V
 Rated current: 20 A
 Ignition voltage: 5 kV
 Protection rating: IP20, IP40 when plugged

Screw connection:
 Spring clamp connection:
 Requirements:

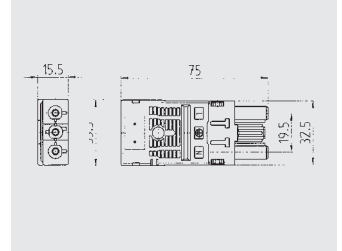
1 connection per pole
 2 connections per pole
 as per DIN EN 60 598-1
 (VDE 0711, para. 10.2 ff)

3 pole, cable diameter 7.8 – 10.3 mm, unassembled, spring clamp connection

Female connector
 GST18i3F B2 Z R1 5KV1



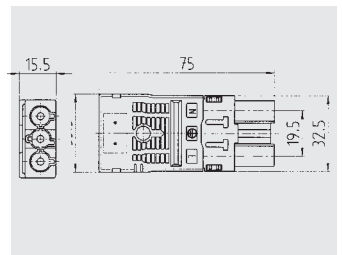
Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 N, PE, L	G0.000.0086.0	50	



Male connector
 GST18i3F S2 Z R1 5KV



Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	G0.000.0086.1	50	

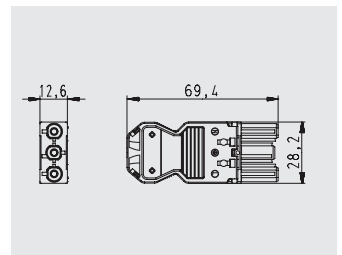


3 pole, cable diameter 6.5 – 10.5 mm, flat design, unassembled, screw connection

Female connector
 GST18i3S B1 Z R1 5KV



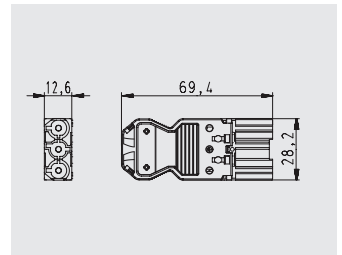
Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 N, PE, L	G0.000.0502.3	50	



Male connector
 GST18i3S S1 Z R1 5KV



Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	G0.000.0502.4	50	

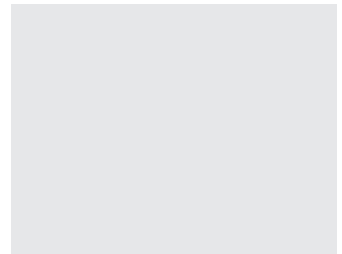


3 pole, cable diameter 8.3 – 11.3 mm, high design, unassembled

Female connector
 GST18i3S B1NZR2A5KVRT03



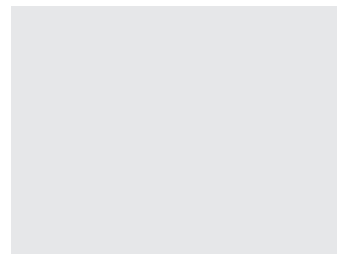
Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 N, PE, L	G0.000.0086.2	100	



Male connector
 GST18i3S S1NZR2A5KVRT03



Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	G0.000.0086.3	100	



Preassembled connectors available on request

Ignition voltage: Solder connectors, horizontal

Rated voltage:
Rated current:
Ignition voltage:
Protection rating:

250 V
20 A
5 kV
IP20, IP40 when plugged

Locking device:

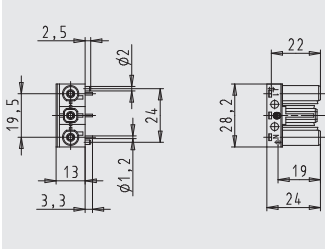
Solder fixation in PC board:

Observe installation instructions and technical notes, see Technical Data

separate, see Accessories

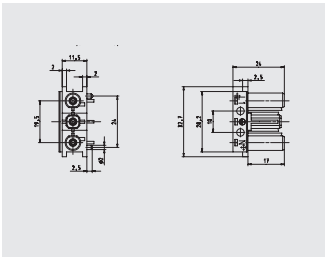
for solder paste mask see Technical Data

3 pole GST 18



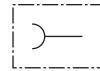
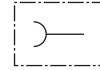
Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	92.033.0758.0	100	

Female connector
GST18i3F L B1 5kV

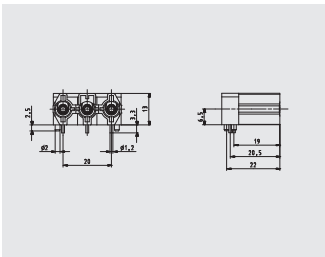


Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	92.033.0858.0	100	

Female connector
with fastening flange
GST18i3 L B1 5kV

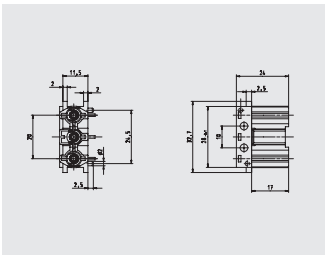


3 pole ST18 UNI



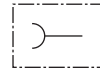
Color	Coding	Part No.	P. U.	Price
salmon red	Coding turned by 180°	99.404.3704.3	100	
salmon red	Standard coding	99.406.3704.3	100	

Female connector
ST18i3 L B1 UNI 5kV



Color	Coding	Part No.	P. U.	Price
salmon red	Coding turned by 180°	99.406.8330.7	100	
salmon red	Standard coding	99.407.8330.7	100	

Female connector
with fastening flange
ST18i3 L B1 UNI 5kV



Ignition voltage: Snap-in with spring clamp connection



Solid wire cross-section: 0.5 – 2.5 mm²
 Fine-stranded wire cross-section: 0.5 – 1.5 mm² with ferrules
 Rated voltage: 250 V
 Rated current: 20 A
 Ignition voltage: 5 kV

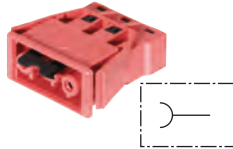
Protection rating:
 Spring clamp connection:
 Locking device:
 Wire stripping length 0.5 – 1.5 mm²:
 Wire stripping length 0.5 – 2.5 mm²:

IP20, IP40 when plugged
 2 connections per pole integrated
 8 mm
 9 mm

3 pole, housing material thickness 0.5 – 1.5 mm

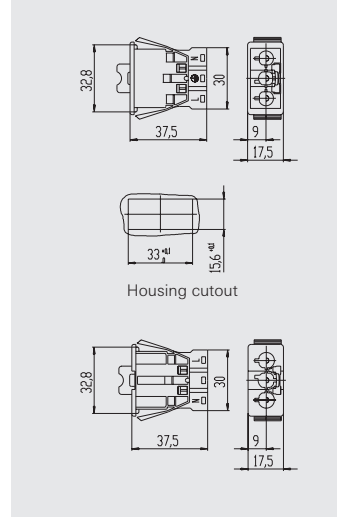
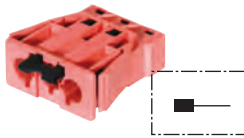
Female connector
 GST18i3F B2 RV

Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 N, PE, L	92.031.8558.0	100	



Male connector
 GST18i3F S2 RV

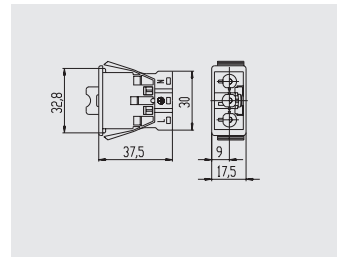
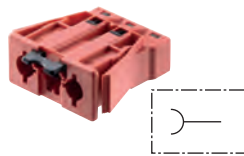
Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	92.032.8558.0	100	



3 pole ST18 UNI, material thickness 0.5 – 1.5 mm

Female connector
 ST 18i3F B2 RV

Color	Coding	Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	99.403.3704.3	100	

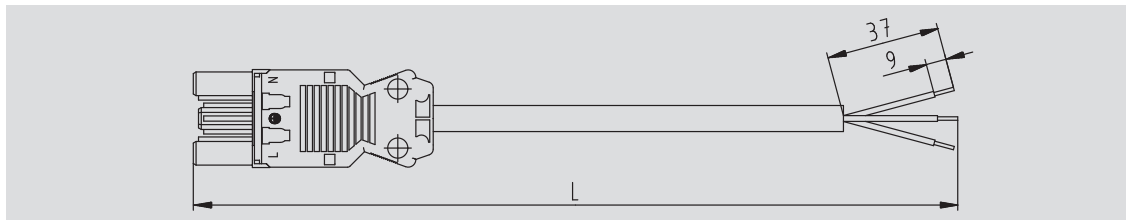


Ignition voltage: Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Ignition voltage: 5 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05VV-F: PVC, contains halogen

Continuous temperature: 70 °C
 Cable diameter: 6.7 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories
 Observe installation instructions and technical notes, see Technical Data!

Connection cables female – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

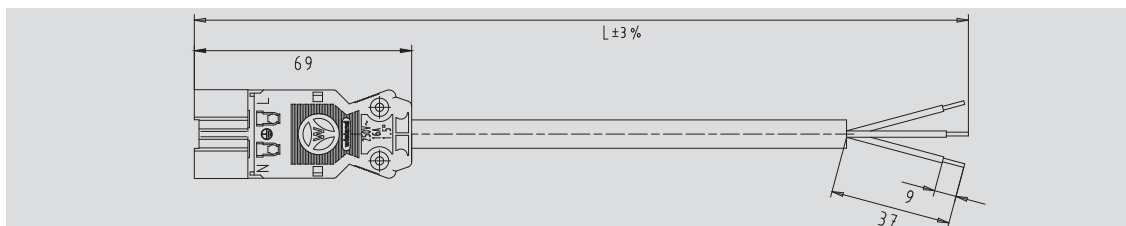
Cable black/coding	Length m	Part No.	P. U.	Price
salmon red	0.3	G0.000.0086.4	200	
	0.5	G0.000.0086.5	100	
	1.0	G0.000.0086.6	75	



⊕ = GN/YE
 N = BU
 L = BN



Connection cable male – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

Cable black/coding	Length m	Part No.	P. U.	Price
salmon red	0.3	G0.000.0086.7	200	
	0.5	G0.000.0086.8	100	
	1.0	G0.000.0086.9	75	



⊕ = GN/YE
 N = BU
 L = BN



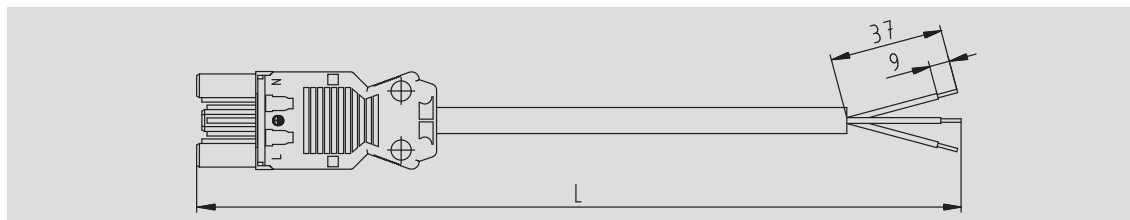
Other cables, other lengths, other codings on request

Ignition voltage: Cable assemblies, 3 pole, 1.0 mm²

Rated voltage: 250 V
 Rated current: 10 A
 Ignition voltage: 5 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05SS-F: silicone-coated,
 continuous temperature 180 °C

Cable diameter: 8.2 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories
 Observe installation instructions and technical notes,
 see Technical Data!

Connection cables female – free end
 Wire ends with ferrules

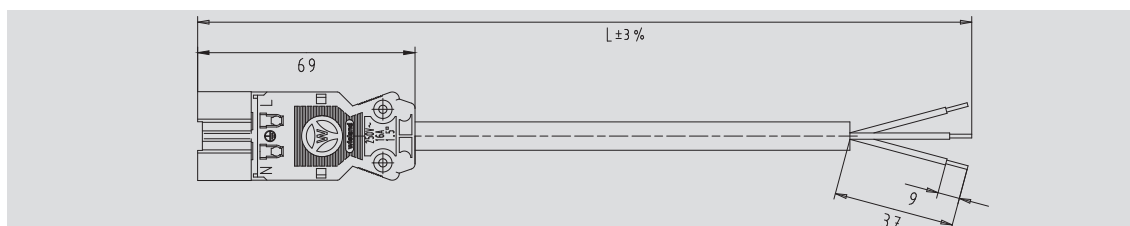


Cable black/coding		Length m	Cable H05SS-F		
			Part No.	P. U.	Price
salmon red	Code 3 N, PE, L	0.5	G0.000.0539.8	100	



⊕ = GN/YE
 N = BU
 L = BN

Connection cable male – free end
 Wire ends with ferrules



Cable black/coding		Length m	Cable H05SS-F		
			Part No.	P. U.	Price
salmon red	Code 3 L, PE, N	0.5	G0.000.0539.9	100	



⊕ = GN/YE
 N = BU
 L = BN

Other cables, other lengths, other codings on request



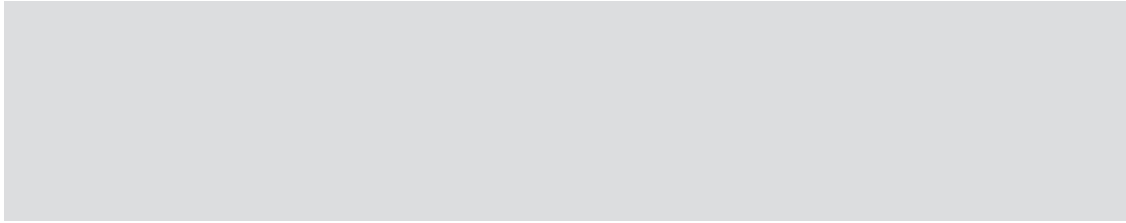
Ignition voltage ST18 UNI: Cable assemblies, 3 pole, 1.0 mm²


Rated voltage: 250 V
 Rated current: 10 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05VV-F: PVC, contains halogen
 continuous temperature 70 °C

Cable material, H05SS-F: silicone-coated,
 continuous temperature 180 °C

The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories
 Observe installation instructions and technical notes,
 see Technical Data! Ensure locking with ST UNI!

Connection cables female – free end
 Wire ends ultrasonically welded



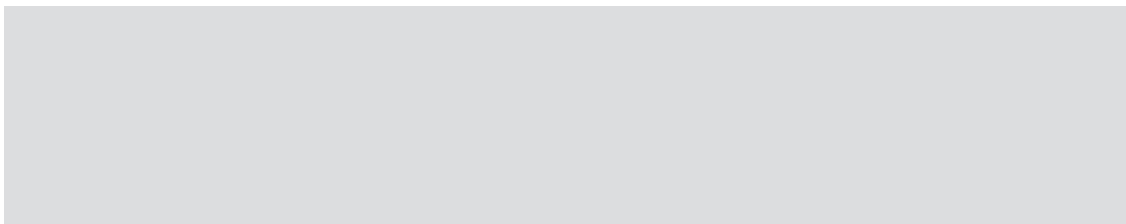
Cable H05VV-F						
Cable black/coding		Code 3 N, PE, L	Length m	Part No.	P. U.	Price
salmon red			0,5	94.731.0503.9	150	




⊕ = GN/YE
 N = BU
 L = BN



Connection cable male – free end
 Wire ends with ferrules



Cable H05SS-F						
Cable black/coding		Code 3 L, PE, N	Length m	Part No.	P. U.	Price
salmon red			0,5	94.731.0564.9	100	



⊕ = GN/YE
 N = BU
 L = BN



Other cables, other lengths, other codings on request

Mini always fits – smaller is in vogue!

gesis[®]MINI adds an important facet to the **gesis**[®] range. While previously wiring with terminal blocks was tedious painstaking work, the complete power distribution can now be installed with pluggable components throughout – even in the barely accessible corners of a shelf or in narrow channels. Even the most confined spaces are no longer a problem. And the best part: It is possible to implement installations with 250V and 16A.

In store design as in exhibition stand construction, the focus these days is on the perfect product experience. The lighting in the shelf itself is becoming ever more important, and this is reflected in more effective illumination, better presentation, and ultimately more sales. The electrical installation must also follow this trend.

Only an installation with compact components can come into play here, as a rule, because both luminaires and ballasts are becoming smaller and smaller. At the same time as this trend toward miniaturization is happening another development is intensifying: Nothing is built to last an eternity anymore – the cycles for modifying presentation systems are shortening all the time. The electrical installation must face up to this as well:

gesis[®]MINI meets both demands and combines minimum size with maximum flexibility. All according to one principle: pluggability.

The use of **gesis**[®]MINI is not confined to eye-catching lighting scenarios involving displays, cabinets, or shelves. The 2, 3, 4, or 5 pole versions actually enable versatile use – in the form of DALI applications, too.




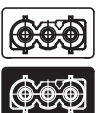

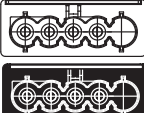
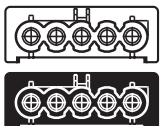




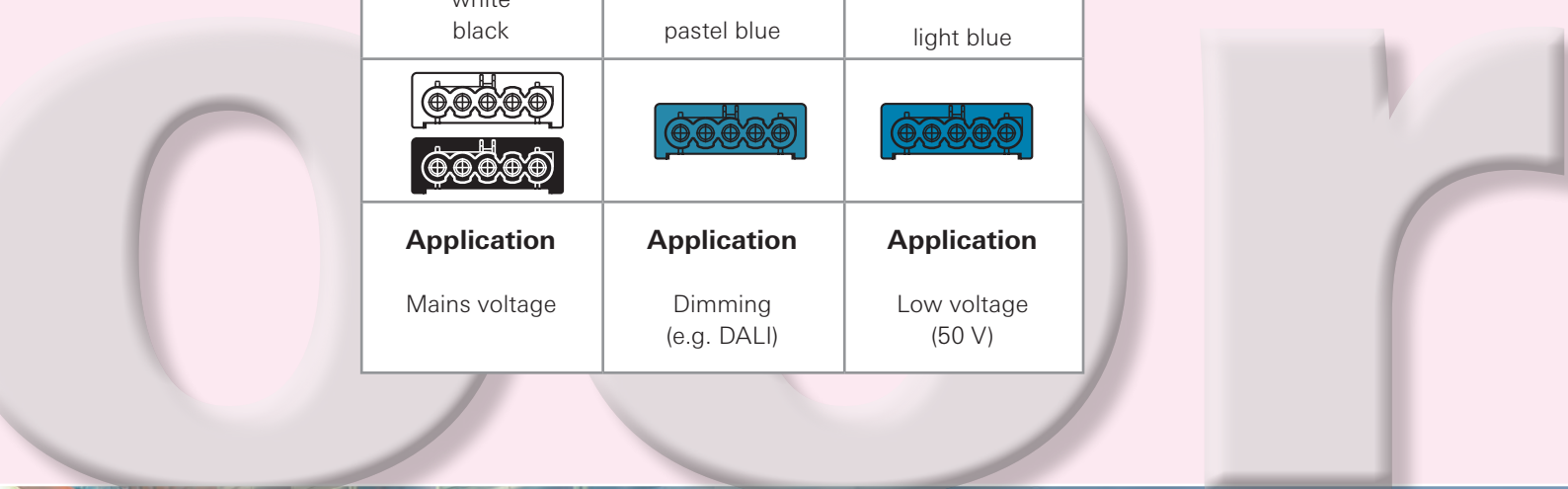
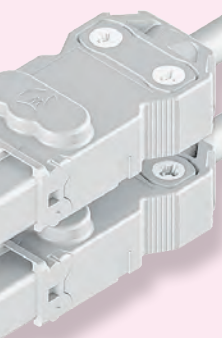
More information

<http://eshop.wieland-electric.com>



Coding of GST15i connectors

GST15i2		
Code 1 white black	Code 2 pastel blue	Code 3 light blue
		
Application Mains voltage	Application Dimming (e.g. DALI)	Application Low voltage (50 V)
GST15i3		GST15i4
Code 1 white black	Code 4 brown	Code 1 white black
		
Application Mains voltage	Application Switching application	Application Mains voltage
GST15i5		
Code 1 white black	Code 2 pastel blue	Code 3 light blue
		
Application Mains voltage	Application Dimming (e.g. DALI)	Application Low voltage (50 V)



Screw connectors



Wire cross-section
solid/fine-stranded Round cables: 0.75 – 1.5 mm²
Flat cables: 0.5 – 1.5 mm²
Rated voltage: 250 V
Rated current: 6 / 16 A
Rated impulse voltage: 4 kV

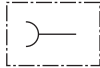
Protection rating:
Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

IP20

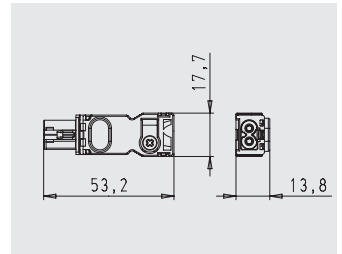
1 connection per pole, without ferrule integrated
21 mm
8 mm

2 pole, cable diameter 6.0 – 7.7 mm, unassembled, for round cables

Female connector
 GST15i2S B1 ZR1



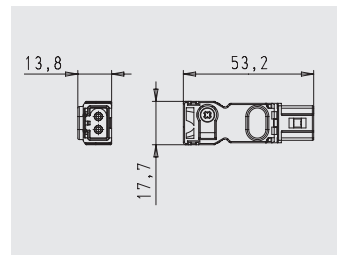
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, L	91.921.3053.0	100
black			91.921.3053.1	100
pastel blue (6 A)	Code 2	D2, D1	91.921.3453.0	100
light blue (50 V)	Code 3	2, 1	91.921.3353.0	100



Male connector
 GST15i2S S1 ZR1



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.922.3053.0	100
black			91.922.3053.1	100
pastel blue (6 A)	Code 2	D1, D2	91.922.3453.0	100
light blue (50 V)	Code 3	1, 2	91.922.3353.0	100

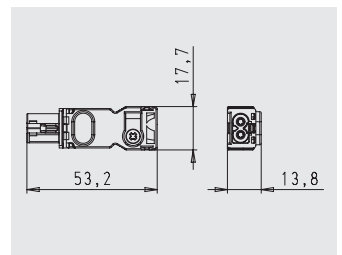


2 pole, cable diameter 3.5 – 6.5 mm, unassembled, for flat cables

Female connector
 GST15i2



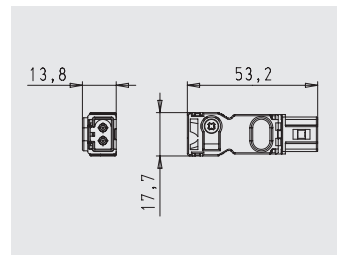
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, L	91.921.2053.0	100
black			91.921.2053.1	100
pastel blue (6 A)	Code 2	D2, D1	91.921.2453.0	100
light blue (50 V)	Code 3	2, 1	91.921.2353.0	100



Male connector
 GST15i2



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.922.2053.0	100
black			91.922.2053.1	100
pastel blue (6 A)	Code 2	D1, D2	91.922.2453.0	100
light blue (50 V)	Code 3	1, 2	91.922.2353.0	100




Screw connectors

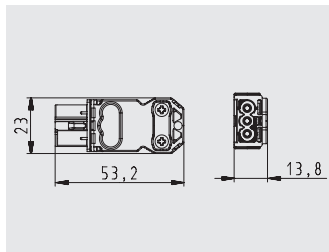
Wire cross-section
solid/fine-stranded:
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

0.75 – 2.5 mm²
250 V
16 A
4 kV
IP20

Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

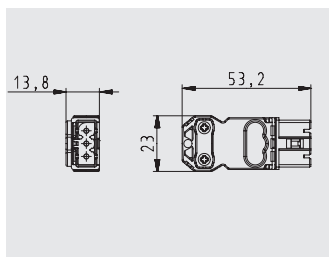
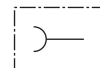
 **1 connection per pole, without ferrule integrated**
25 mm (±), 21 mm
8 mm

3 pole, cable diameter 5.5 – 9.0 mm, unassembled, max. 3 x 1.5 mm²



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	91.931.3053.0	100
black	Code 1	N, PE, L	91.931.3053.1	100
brown (oxide red)	Code 4	3, 2, 1	91.931.3853.0	100

Female connector
GST15i3S B1 ZR1

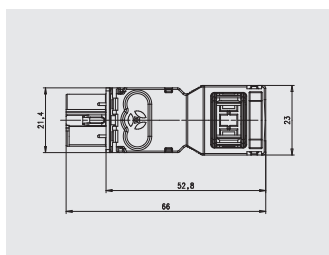


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	91.932.3053.0	100
black	Code 1	L, PE, N	91.932.3053.1	100
brown (oxide red)	Code 4	1, 2, 3	91.932.3853.0	100

Male connector
GST15i3S S1 ZR1

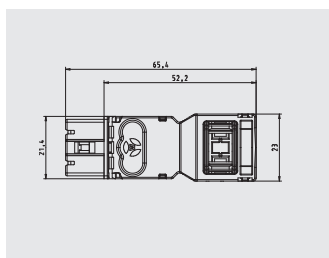
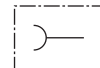


3 pole, cable diameter 5.5 – 11.0 mm, unassembled, max. 3 x 2.5 mm²



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	91.931.4053.0	100
black	Code 1	N, PE, L	91.931.4053.1	100

Female connector
GST15i3



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	91.932.4053.0	100
black	Code 1	L, PE, N	91.932.4053.1	100

Male connector
GST15i3



Screw connectors



Wire cross-section
solid/fine-stranded: 0.5 – 2.5 mm²
Rated voltage: 250V / 400V
Rated current: 16 A
Rated impulse voltage: 4 kV

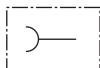
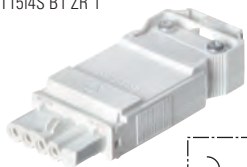
Protection rating:
Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

IP20

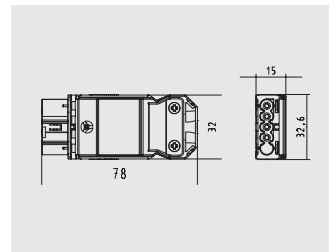
 1 connection per pole, without ferrule
 integrated
 25 mm (±), 21 mm
 8 mm

4 pole, cable diameter 8.5 – 12.5 mm, unassembled, straight cable entry

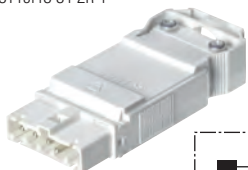
Female connector
GST15i4S B1 ZR 1



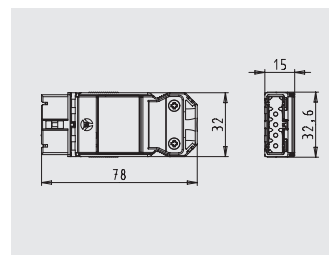
Color	Coding	Part No.	P. U.	Price
white	Code 1	91.941.4053.0	50	
black		91.941.4053.1	50	



Male connector
GST15i4S S1 ZR 1

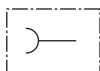


Color	Coding	Part No.	P. U.	Price
white	Code 1	91.942.4053.0	50	
black		91.942.4053.1	50	

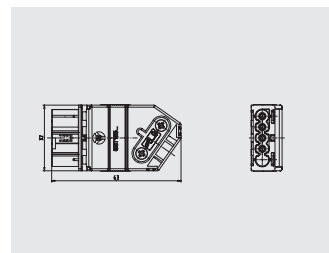


4 pole, cable diameter 6.0 – 11.5 mm, unassembled, angled cable entry

Female connector
GST15i4S B1 ZW 1V



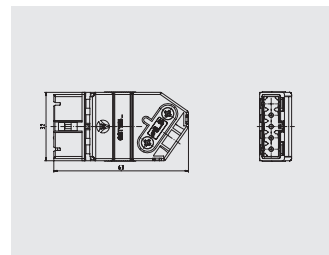
Color	Coding	Part No.	P. U.	Price
white	Code 1	91.941.3053.0	50	
black		91.941.3053.1	50	



Male connector
GST15i4S S1 ZW 1V



Color	Coding	Part No.	P. U.	Price
white	Code 1	91.942.3053.0	50	
black		91.942.3053.1	50	




Screw connectors

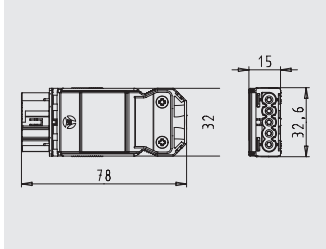
Wire cross-section
solid/fine-stranded:
Rated voltage:
Rated current:
Rated impulse voltage:

0.5 – 2.5 mm²
250V / 400V
16 A
4 kV

Protection rating:
Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

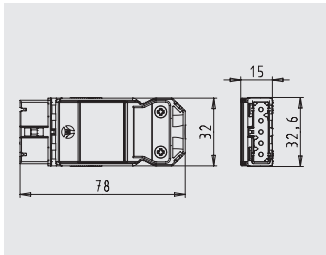
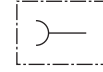
IP20

 1 connection per pole, without ferrule
 integrated
 25 mm (±), 21 mm
 8 mm

5 pole, cable diameter 8.5 – 12.5 mm, unassembled, straight cable entry



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2, 3	91.951.4053.0	50
black			91.951.4053.1	50
pastel blue	Code 2	N, PE, L, D2, D1	91.951.4453.0	50
light blue (50 V, 10 A)	Code 3	5, 4, 3, 2, 1	91.951.4353.0	50

Female connector
GST15i5S B1 ZR 1W

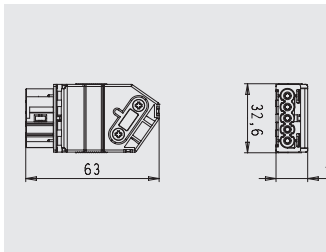


Color	Coding	Part No.	P. U.	Price
white	Code 1	3, 2, 1, PE, N	91.952.4053.0	50
black			91.952.4053.1	50
pastel blue	Code 2	D1, D2, L, PE, N	91.952.4453.0	50
light blue (50 V, 10 A)	Code 3	1, 2, 3, 4, 5	91.952.4353.0	50

Male connector
GST15i5S S1 ZR 1

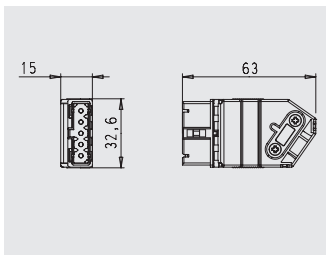
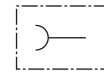


5 pole, cable diameter 6.0 – 11.5 mm, unassembled, angled cable entry



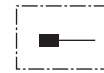
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2, 3	91.951.3053.0	50
black			91.951.3053.1	50
pastel blue	Code 2	N, PE, L, D2, D1	91.951.3453.0	50
light blue (50 V, 10 A)	Code 3	5, 4, 3, 2, 1	91.951.3353.0	50

Female connector
GST15i5S B1 ZW1



Color	Coding	Part No.	P. U.	Price
white	Code 1	3, 2, 1, PE, N	91.952.3053.0	50
black			91.952.3053.1	50
pastel blue	Code 2	D1, D2, L, PE, N	91.952.3453.0	50
light blue (50 V, 10 A)	Code 3	1, 2, 3, 4, 5	91.952.3353.0	50

Male connector
GST15i5S S1 Z2 W1



Snap-in with screw connection



Wire cross-section
solid/fine-stranded:
Rated voltage:
Rated current:
Rated impulse voltage:

0.5 – 2.5 mm²
250V / 400V
16 A
4 kV

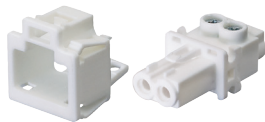
Protection rating:
Approvals:
Screw connection:
Locking device:
Wire stripping length:

IP20

1 connection per pole, without ferrule
integrated
8 mm

2 pole

Female connector
GST15i2S B1



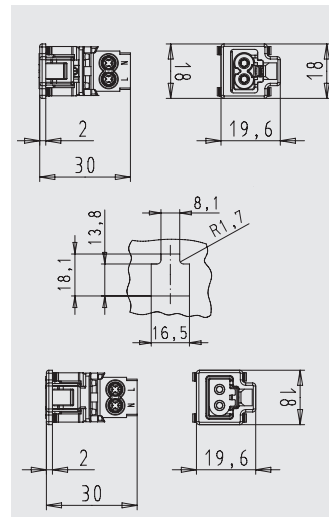
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, L	91.921.9053.0	100
black			91.921.9053.1	100
pastel blue (6 A)	Code 2	D2, D1	91.921.9453.0	100
light blue (50 V)	Code 3	2, 1	91.921.9353.0	100



Male connector
GST15i2S S1 R



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.922.9053.0	100
black			91.922.9053.1	100
pastel blue (6 A)	Code 2	D1, D2	91.922.9453.0	100
light blue (50 V)	Code 3	1, 2	91.922.9353.0	100



3 pole, protruding, not pluggable, with flush-mounted snap-ins

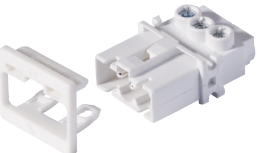
Female connector
GST15i3S B1 U



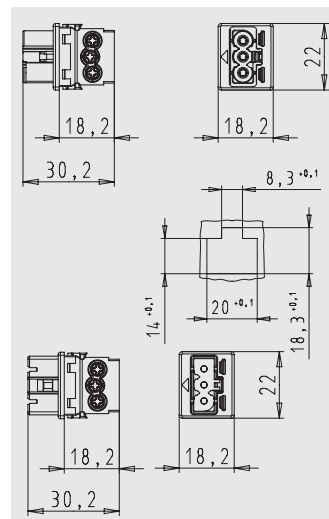
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	91.931.9153.0	100
black			91.931.9153.1	100



Male connector
GST15i3S S1 U

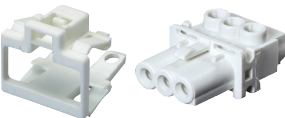


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	91.932.9153.0	100
black			91.932.9153.1	100



3 pole, flush-mounted

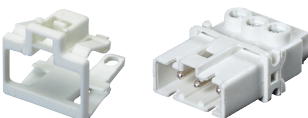
Female connector
GST15i3S B1 R



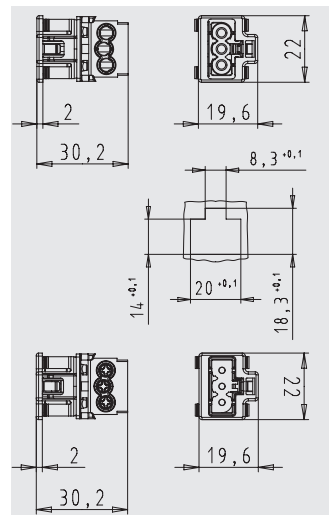
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	91.931.9053.0	100
black			91.931.9053.1	100
brown (oxide red)	Code 2	3, 2, 1	91.931.9853.0	100



Male connector
GST15i3S S1 R



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	91.932.9053.0	100
black			91.932.9053.1	100
brown (oxide red)	Code 2	1, 2, 3	91.932.9853.0	100




Snap-in with screw connection

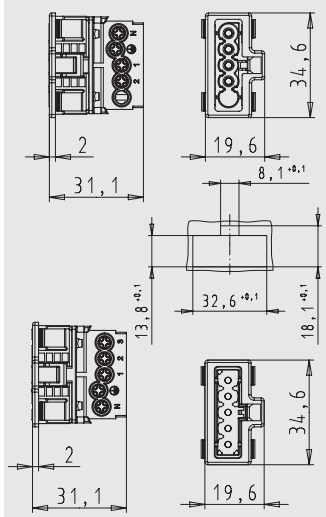
Wire cross-section
solid/fine-stranded:
Rated voltage:
Rated current:
Rated impulse voltage:

0.5 – 2.5 mm²
250V / 400V
16 A
4 kV

Protection rating:
Approvals:
Screw connection:
Locking device:
Wire stripping length:

IP20

 1 connection per pole, without ferrule
 integrated
 8 mm

4 pole



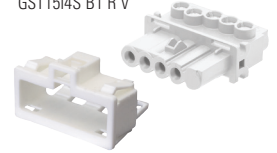
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2	91.941.9053.0	100
black			91.941.9053.1	100



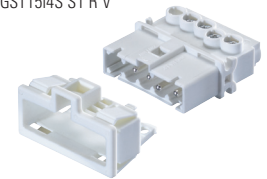
Color	Coding	Part No.	P. U.	Price
white	Code 1	2, 1, PE, N	91.942.9053.0	100
black			91.942.9053.1	100



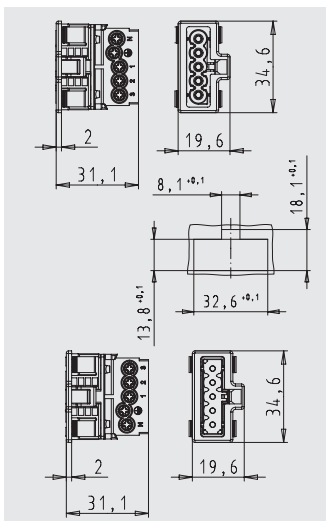
Female connector
GST15i4S B1 R V



Male connector
GST15i4S S1 R V



5 pole



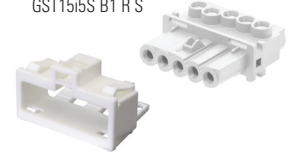
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2, 3	91.951.9053.0	100
black			91.951.9053.1	100
pastel blue	Code 2	N, PE, L, D2, D1	91.951.9453.0	100
light blue (50 V, 10 A)	Code 3	5, 4, 3, 2, 1	91.951.9353.0	100



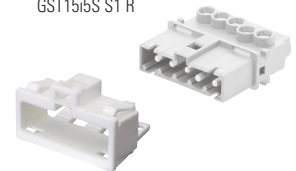
Color	Coding	Part No.	P. U.	Price
white	Code 1	3, 2, 1, PE, N	91.952.9053.0	100
black			91.952.9053.1	100
pastel blue	Code 2	D1, D2, L, PE, N	91.952.9453.0	100
light blue (50 V, 10 A)	Code 3	1, 2, 3, 4, 5	91.952.9353.0	100



Female connector
GST15i5S B1 R S



Male connector
GST15i5S S1 R



GST15i4

GST15i5

Solder connector, vertical, with fastening flange

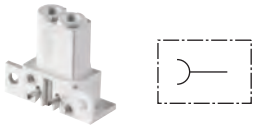
Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Plug direction:
 Fixation:
 Solder paste mask:
 Locking device:

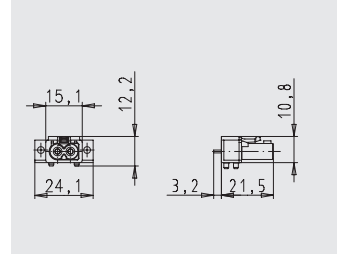
 straight
 Fastening flange
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

Female connector
 GST15i2 LB1 VB



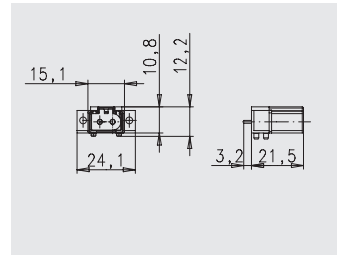
Color	Coding	Part No.	P. U.	Price
white	Code 1 N, L	91.021.0153.0	100	
black		91.021.0153.1	100	
pastel blue (6 A)	Code 2 D2, D1	91.021.0353.0	100	
light blue (50 V)	Code 3 2, 1	91.021.0553.0	100	



Male connector
 GST15i2 LS1 VB

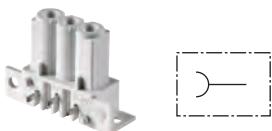


Color	Coding	Part No.	P. U.	Price
white	Code 1 L, N	91.022.0153.0	100	
black		91.022.0153.1	100	
pastel blue (6 A)	Code 2 D1, D2	91.022.0353.0	100	
light blue (50 V)	Code 3 1, 2	91.022.0553.0	100	

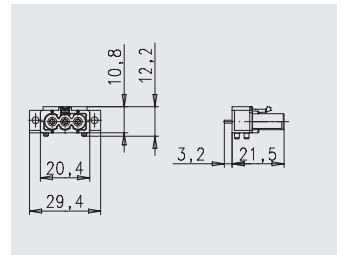


3 pole, solder pin length = 3.2 mm

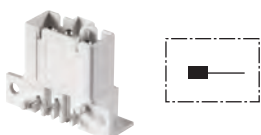
Female connector
 GST15i3 LB1 VB



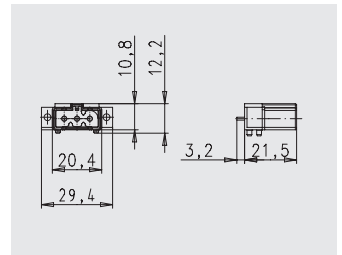
Color	Coding	Part No.	P. U.	Price
white	Code 1 N, PE, L	91.031.0153.0	100	
black		91.031.0153.1	100	
brown (oxide red)	Code 4 3, 2, 1	91.031.0753.0	100	



Male connector
 GST15i3 LS1 VB

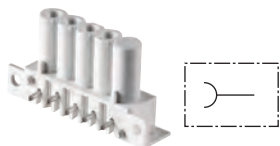


Color	Coding	Part No.	P. U.	Price
white	Code 1 L, PE, N	91.032.0153.0	100	
black		91.032.0153.1	100	
brown (oxide red)	Code 4 1, 2, 3	91.032.0753.0	100	

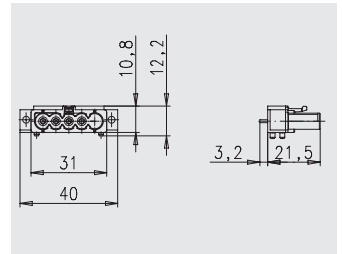


4 pole, solder pin length = 3.2 mm

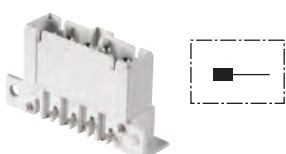
Female connector
 GST15i4S L B1 VB



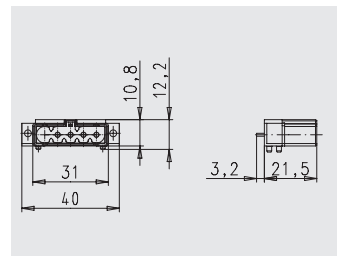
Color	Coding	Part No.	P. U.	Price
white	Code 1 N, PE, 1, 2	91.041.0153.0	100	
black		91.041.0153.1	100	



Male connector
 GST15i4S L S1 VB



Color	Coding	Part No.	P. U.	Price
white	Code 1 2, 1, PE, N	91.042.0153.0	100	
black		91.042.0153.1	100	



Solder connector, vertical, with fastening flange

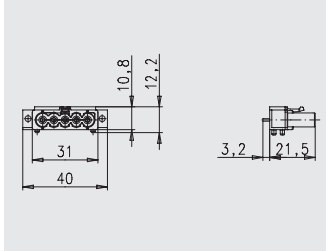
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

250 V or 250 / 400 V
16 A
4 kV
IP20, IP40 when plugged

Approvals:
Installation position:
Fixation:
Solder paste mask:
Locking device:

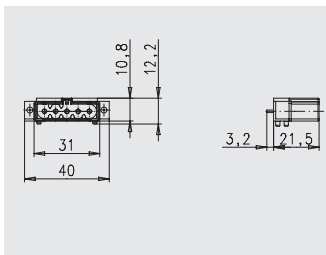
 **vertical**
Fastening flange
see Technical Data
integrated

5 pole, solder pin length = 3.2 mm



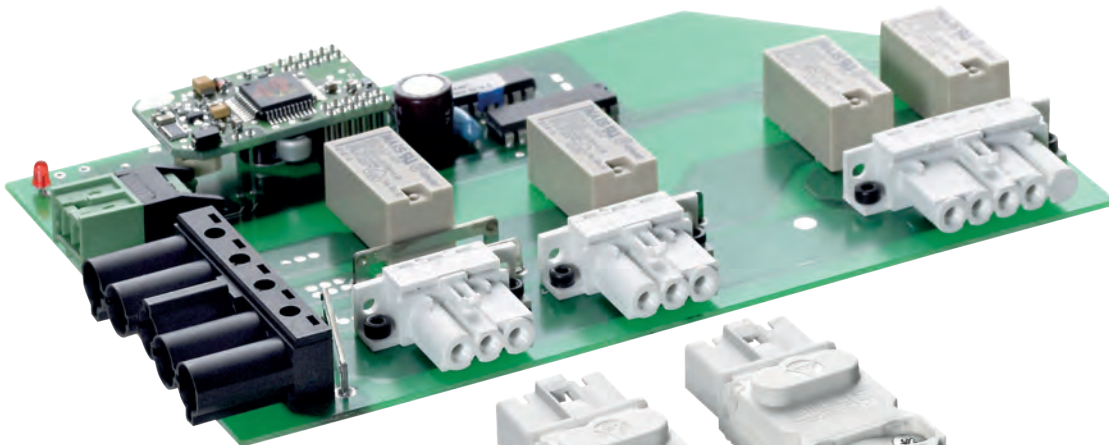
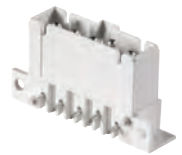
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2, 3	91.051.0153.0	100
black			91.051.0153.1	100
pastel blue	Code 2	N, PE, L, D2, D1	91.051.0353.0	100
light blue (50 V, 10 A)	Code 3	5, 4, 3, 2, 1	91.051.0553.0	100

Female connector
GST15i5L B1 VB



Color	Coding	Part No.	P. U.	Price
white	Code 1	3, 2, 1, PE, N	91.052.0153.0	100
black			91.052.0153.1	100
pastel blue	Code 2	D1, D2, L, PE, N	91.052.0353.0	100
light blue (50 V, 10 A)	Code 3	1, 2, 3, 4, 5	91.052.0553.0	100


Male connector
GST15i5L S1 VB



Solder connectors, vertical

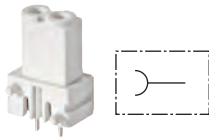
Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

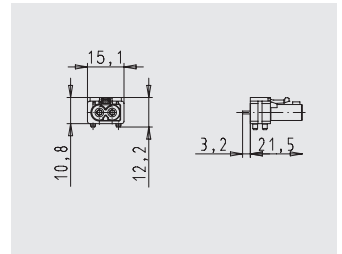
 **vertical**
at the housing
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

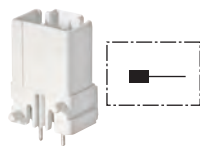
Female connector
 GST15i2 LB1 V



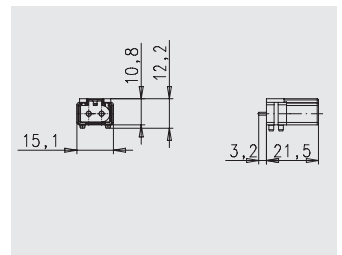
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, L	91.021.0053.0	100
black			91.021.0053.1	100
pastel blue (6 A)	Code 2	D2, D1	91.021.0253.0	100
light blue (50 V)	Code 3	2, 1	91.021.0453.0	100



Male connector
 GST15i2 LS1 V

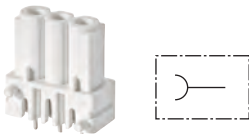


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.022.0053.0	100
black			91.022.0053.1	100
pastel blue (6 A)	Code 2	D1, D2	91.022.0253.0	100
light blue (50 V)	Code 3	1, 2	91.022.0453.0	100

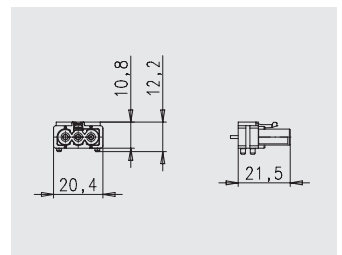


3 pole, solder pin length = 3.2 mm

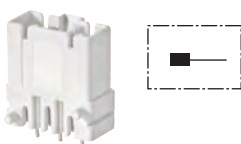
Female connector
 GST15i3 LB1 V



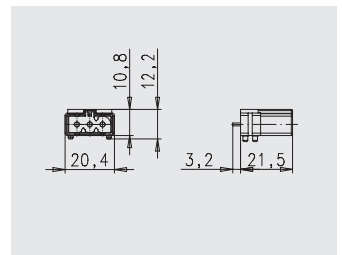
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	91.031.0053.0	100
black			91.031.0053.1	100
brown (oxide red)	Code 4	3, 2, 1	91.031.0653.0	100



Male connector
 GST15i3 LS1 V



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	91.032.0053.0	100
black			91.032.0053.1	100
brown (oxide red)	Code 4	1, 2, 3	91.032.0653.0	100

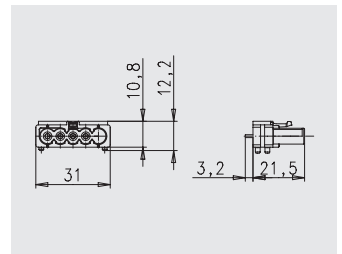


4 pole, solder pin length = 3.2 mm

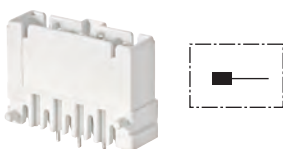
Female connector
 GST15i4S LB1 V



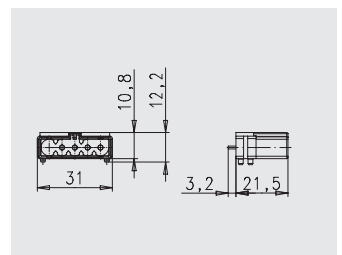
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2	91.041.0053.0	100
black			91.041.0053.1	100



Male connector
 GST15i4S LS1 V



Color	Coding	Part No.	P. U.	Price
white	Code 1	2, 1, PE, N	91.042.0053.0	100
black			91.042.0053.1	100



Solder connectors, vertical

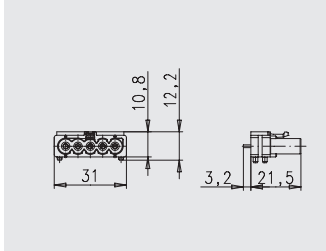
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

250 V or 250 / 400 V
16 A
4 kV
IP20, IP40 when plugged

Approvals:
Plug direction:
Fixation:
Solder paste mask:
Locking device:

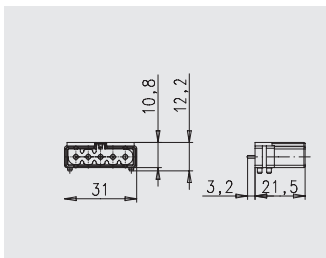
 **straight**
at the housing
see Technical Data
integrated

5 pole, solder pin length = 3.2 mm



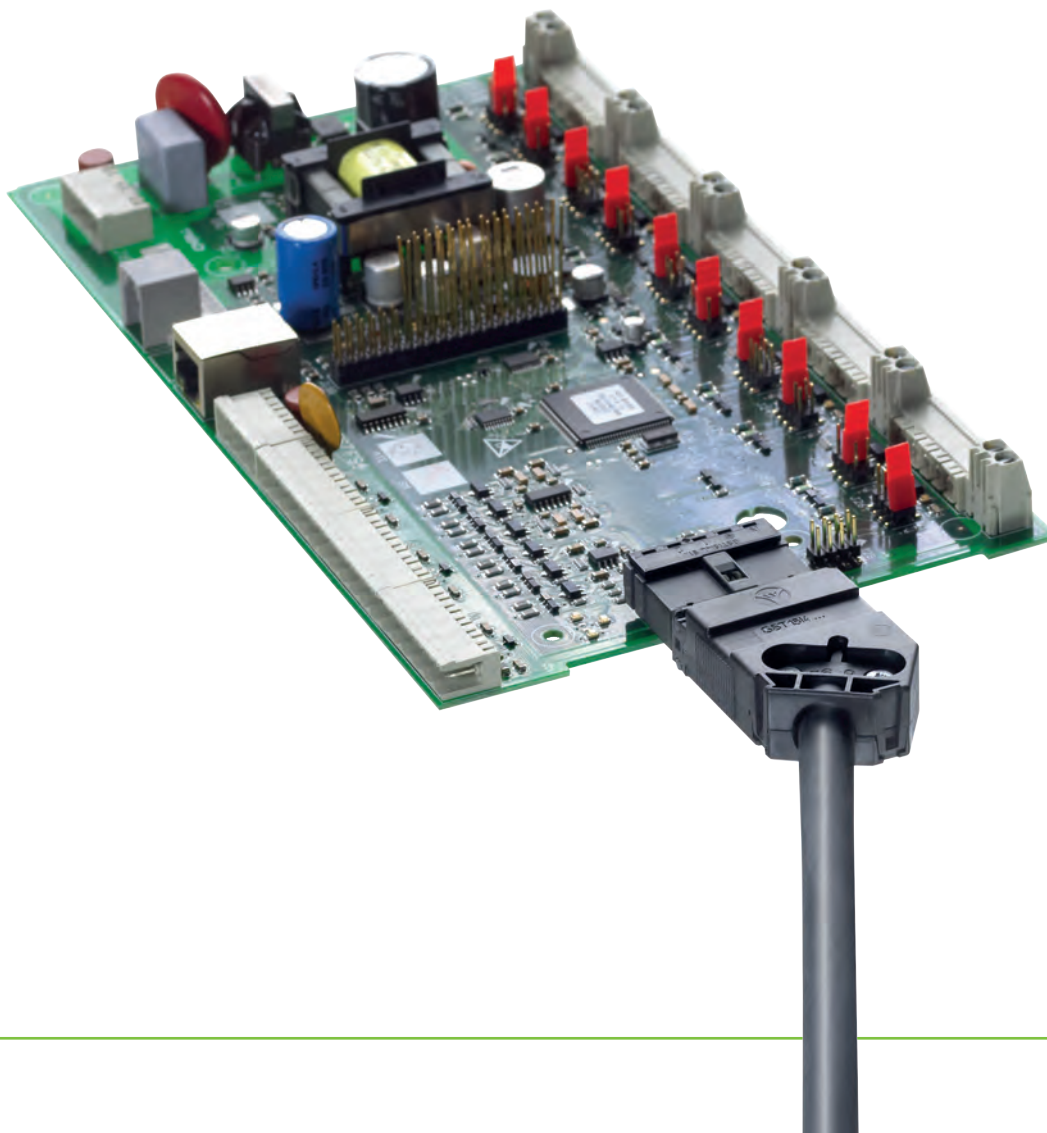
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2, 3	91.051.0053.0	100
black			91.051.0053.1	100
pastel blue	Code 2	N, PE, L, D2, D1	91.051.0253.0	100
light blue (50 V, 10 A)	Code 3	5, 4, 3, 2, 1	91.051.0453.0	100

Female connector
GST15i5L B1 V



Color	Coding	Part No.	P. U.	Price
white	Code 1	3, 2, 1, PE, N	91.052.0053.0	100
black			91.052.0053.1	100
pastel blue	Code 2	D1, D2, L, PE, N	91.052.0253.0	100
light blue (50 V, 10 A)	Code 3	1, 2, 3, 4, 5	91.052.0453.0	100

Male connector
GST15i5L S1 V



Solder connector, horizontal, with fastening flange

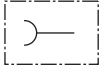
Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

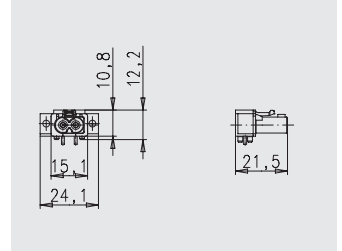
 
 horizontal
 Fastening flange and studs
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

Female connector
 GST15i2 LB1 HB



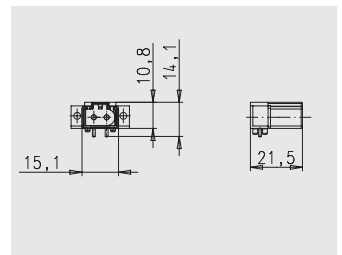
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, L	91.023.0153.0	100
black			91.023.0153.1	100
pastel blue (6 A)	Code 2	D2, D1	91.023.0353.0	100
light blue (50 V)	Code 3	2, 1	91.023.0553.0	100



Male connector
 GST15i2 LS1 HB

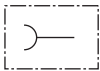


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.024.0153.0	100
black			91.024.0153.1	100
pastel blue (6 A)	Code 2	D1, D2	91.024.0353.0	100
light blue (50 V)	Code 3	1, 2	91.024.0553.0	100

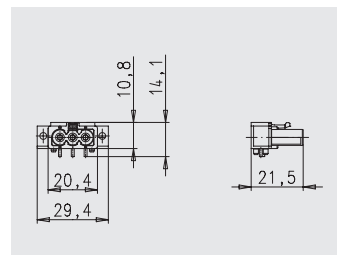


3 pole, solder pin length = 3.2 mm

Female connector
 GST15i3 LB1 HB



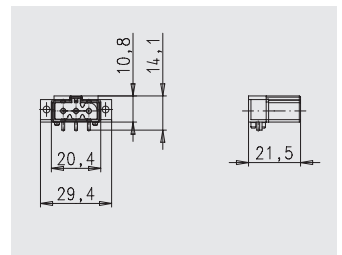
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	91.033.0153.0	100
black			91.033.0153.1	100
brown (oxide red)	Code 4	3, 2, 1	91.033.0753.0	100



Male connector
 GST15i3 LS1 HB

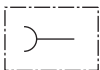


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	91.034.0153.0	100
black			91.034.0153.1	100
brown (oxide red)	Code 4	1, 2, 3	91.034.0753.0	100

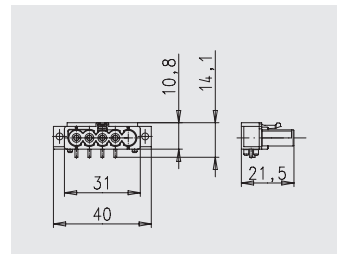


4 pole, solder pin length = 3.2 mm

Female connector
 GST15i4S LB1 HB



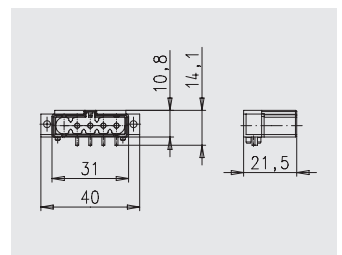
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2	91.043.0153.0	100
black			91.043.0153.1	100



Male connector
 GST15i4 L S1 HB



Color	Coding	Part No.	P. U.	Price
white	Code 1	2, 1, PE, N	91.044.0153.0	100
black			91.044.0153.1	100



GST15i2

GST15i3

GST15i4

Solder connector, horizontal, with fastening flange

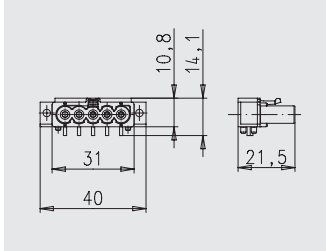
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

250 V or 250 / 400 V
16 A
4 kV
IP20, IP40 when plugged

Approvals:
Installation position:
Fixation:
Solder paste mask:
Locking device:

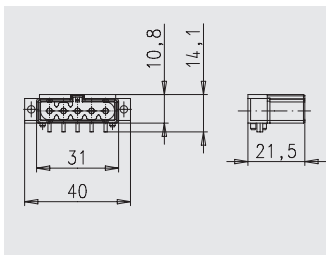
 **horizontal**
Fastening flange and studs
see Technical Data
integrated

5 pole, solder pin length = 3.2 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2, 3	91.053.0153.0	100
black			91.053.0153.1	100
pastel blue	Code 2	N, PE, L, D2, D1	91.053.0353.0	100
light blue (50 V, 10 A)	Code 3	5, 4, 3, 2, 1	91.053.0553.0	100

Female connector
GST15i5 L B1 HB



Color	Coding	Part No.	P. U.	Price
white	Code 1	3, 2, 1, PE, N	91.054.0153.0	100
black			91.054.0153.1	100
pastel blue	Code 2		91.054.0353.0	100
light blue (50 V, 10 A)	Code 3	1, 2, 3, 4, 5	91.054.0553.0	100

Male connector
GST15i5L S1 HB




GST15i5

Solder connectors, horizontal

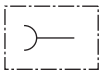
Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

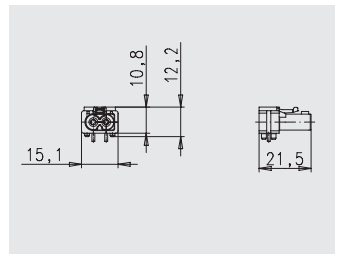
 **horizontal**
Studs
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

Female connector
 GST15i2 LB1 H



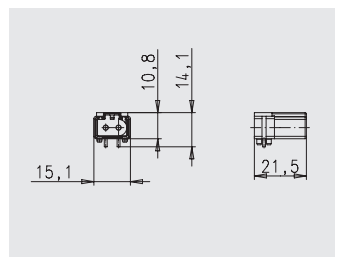
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, L	91.023.0053.0	100
black			91.023.0053.1	100
pastel blue (6 A)	Code 2	D2, D1	91.023.0253.0	100
light blue (50 V)	Code 3	2, 1	91.023.0453.0	100



Male connector
 GST15i2 LS1 H

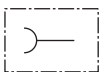


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.024.0053.0	100
black			91.024.0053.1	100
pastel blue (6 A)	Code 2	D1, D2	91.024.0253.0	100
light blue (50 V)	Code 3	1, 2	91.024.0453.0	100

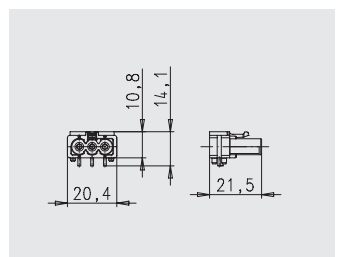


3 pole, solder pin length = 3.2 mm

Female connector
 GST15i3 LB1 H



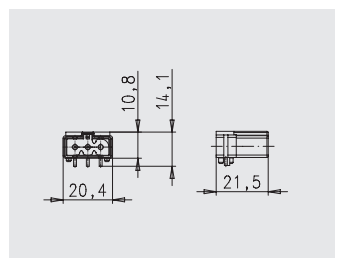
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, L	91.033.0053.0	100
black			91.033.0053.1	100
brown (oxide red)	Code 4	3, 2, 1	91.033.0653.0	100



Male connector
 GST15i3 LS1 H

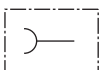


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, PE, N	91.034.0053.0	100
black			91.034.0053.1	100
brown (oxide red)	Code 4	1, 2, 3	91.034.0653.0	100

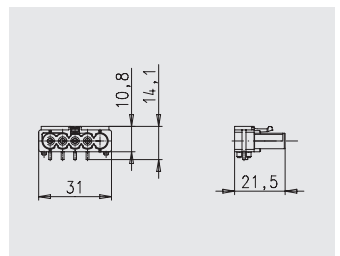


4 pole, solder pin length = 3.2 mm

Female connector
 GST15i4 LB1 H



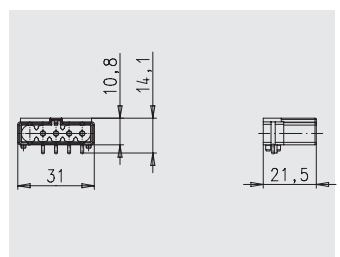
Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2	91.043.0053.0	100
black			91.043.0053.1	100



Male connector
 GST15i4 LS1 H



Color	Coding	Part No.	P. U.	Price
white	Code 1	2, 1, PE, N	91.044.0053.0	100
black			91.044.0053.1	100



GST15i2

GST15i3


GST15i4

Solder connectors, horizontal

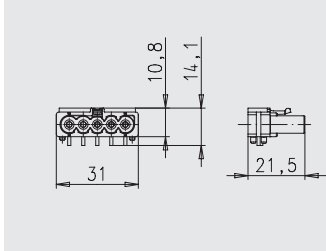
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

250 V or 250 / 400 V
16 A
4 kV
IP20, IP40 when plugged

Approvals:
Installation position:
Fixation:
Solder paste mask:
Locking device:

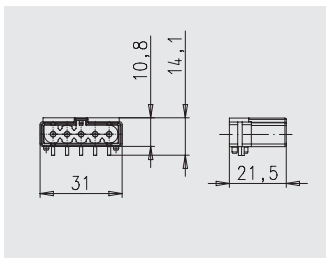
 **horizontal**
Studs
see **Technical Data**
integrated

5 pole, solder pin length = 3.2 mm



Color	Coding	Part No.	P. U.	Price
white	Code 1	N, PE, 1, 2, 3	91.053.0053.0	100
black			91.053.0053.1	100
pastel blue	Code 2	N, PE, L, D2, D1	91.053.0253.0	100
light blue (50 V, 10 A)	Code 3	5, 4, 3, 2, 1	91.053.0453.0	100

Female connector
GST15i5 L B1 H



Color	Coding	Part No.	P. U.	Price
white	Code 1	3, 2, 1, PE, N	91.054.0053.0	100
black			91.054.0053.1	100
pastel blue	Code 2	D1, D2, L, PE, N	91.054.0253.0	100
light blue (50 V, 10 A)	Code 3	1, 2, 3, 4, 5	91.054.0453.0	100

Male connector
GST15i5 L S1 H



GST15i5

Distribution units

Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

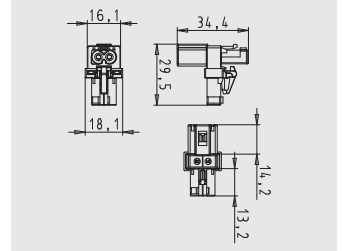
Approvals:
 Locking device: integrated
 Mounting plates: see Accessories

2 pole, T distributor

T distributor
GST15i2



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.020.1053.0	100
black	Code 1	L, N	91.020.1053.1	100
pastel blue (6 A)	Code 2	D1, D2	91.020.1253.0	100
light blue (50 V)	Code 3	1, 2	91.020.1453.0	100

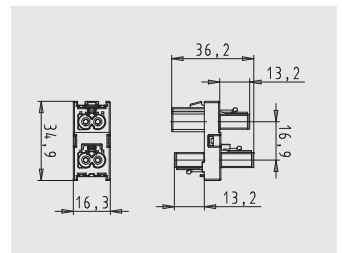


2 pole, h distributor with mounting option

h distributor
GST15i2 V 2P1 H



Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.020.7053.0	100
black	Code 1	L, N	91.020.7053.1	100
pastel blue (6 A)	Code 2	D1, D2	91.020.7153.0	100
light blue (50 V)	Code 3	1, 2	91.020.7253.0	100

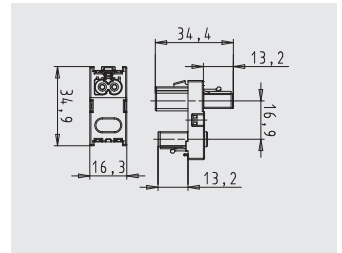


2 pole, h distributor with mounting option

H distributor
GST15i2 V 3P1 H

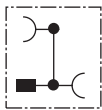


Color	Coding	Part No.	P. U.	Price
white	Code 1	L, N	91.020.4953.0	100
black	Code 1	L, N	91.020.4953.1	100
pastel blue (6 A)	Code 2	D1, D2	91.020.5053.0	100
light blue (50 V)	Code 3	1, 2	91.020.5153.0	100

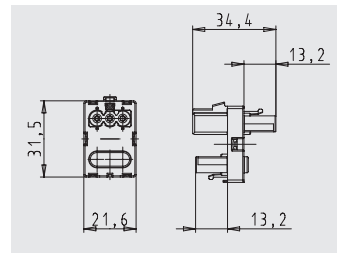


3 pole, h distributor with mounting option

h distributor
GST15i3 V 2P1 H

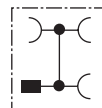


Color	Coding	Outputs	Part No.	P. U.	Price
white	Code 1	2	91.030.6053.0	100	
black	Code 1	2	91.030.6053.1	100	

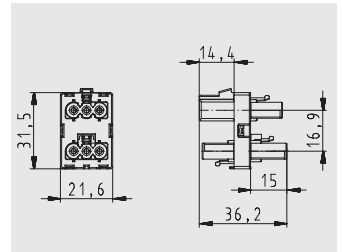


3 pole, H distributor with mounting option

H distributor
GST15i3 V 3P1 H

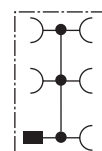


Color	Coding	Outputs	Part No.	P. U.	Price
white	Code 1	3	91.030.4953.0	100	
black	Code 1	3	91.030.4953.1	100	

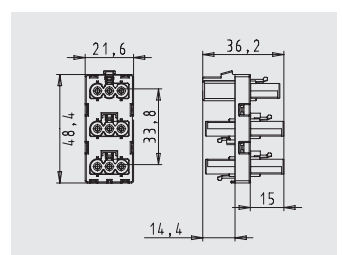


3 pole, HH distributor with mounting option

HH distributor
GST18i3V 5P1 F V



Color	Coding	Outputs	Part No.	P. U.	Price
white	Code 1	5	91.030.5253.0	100	
black	Code 1	5	91.030.5253.1	100	




Distribution units, intermediate couplings

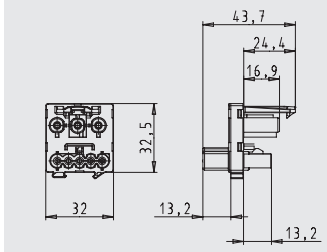
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

250 V or 250 / 400 V
20 A
4 kV
IP20, IP40 when plugged

Approvals:
Locking device:

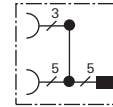
 integrated

5 pole, without mounting option, transition from GST15i5 to GST18i3

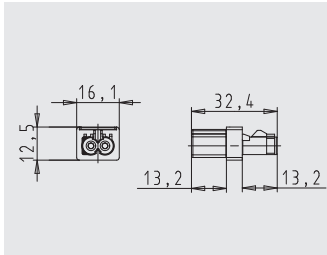


Color	Coding	Tapping	Part No.	P. U.	Price
white	Code 1	L1	91.050.3151.0	100	
white	Code 1	L2	91.050.3251.0	100	
white	Code 1	L3	91.050.3351.0	100	

Distribution unit



2 pole, intermediate coupling, locking device for one side

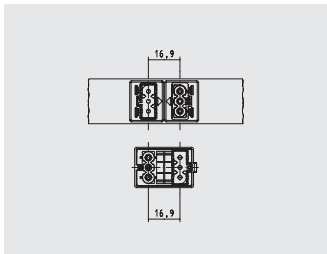


Color	Coding	Part No.	P. U.	Price
white		91.020.5953.0	100	
black	Code 1	91.020.5953.1	100	
pastel blue (6 A)	Code 2	91.020.6053.0	100	
light blue (50 A)	Code 3	91.020.6153.0	100	

Intermediate coupling
GST152Z 1P1



3 pole, U-piece

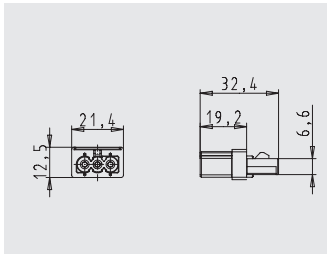


Color	Coding	Part No.	P. U.	Price
white		91.030.5853.0	100	
black	Code 1	91.030.5853.1	100	

Intermediate coupling
GST15i3Z 1P1U



3 pole, intermediate coupling, locking device for one side

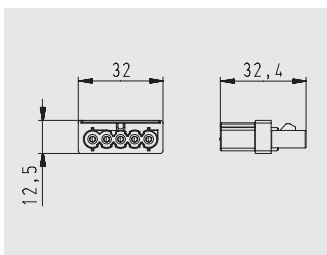


Color	Coding	Part No.	P. U.	Price
white		91.030.5953.0	100	
black	Code 1	91.030.5953.1	100	

Intermediate coupling
GST15i3Z 1P1

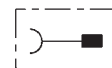
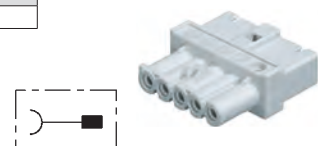


5 pole, intermediate coupling, locking device for one side



Color	Coding	Outputs	Part No.	P. U.	Price
white	Code 1	1	91.050.5953.0	100	
black	Code 1	1	91.050.5953.1	100	
pastel blue	Code 2	1	91.050.6053.0	100	


Intermediate coupling
GST15i5Z P1



GST15i5

GST15i2, i3, i5

Cable assemblies, 2 pole, 1.5 mm²

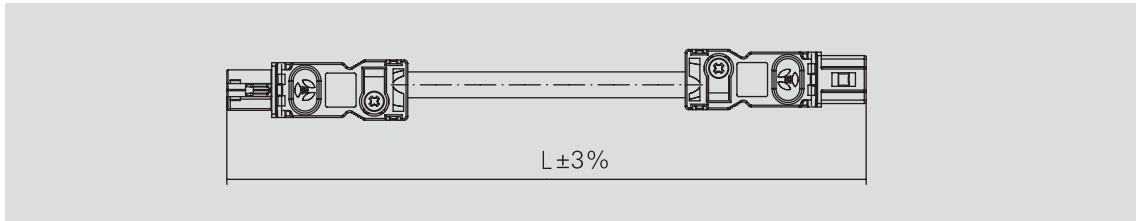
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 7.5 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Locking device: integrated

Connecting cables female – male



Power: N = BU
 L = BN
 Dimming: D2 = BU
 D1 = BN



Cable H05VV-F		Cable S05Z1Z1-F					
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 L, N	1.0	91.222.1000.1	100	91.222.1060.1	100	
		2.0	91.222.2000.1	50	91.222.2060.1	50	
		3.0	91.222.3000.1	25	91.222.3060.1	25	
		4.0	91.222.4000.1	25	91.222.4060.1	25	
		5.0	91.222.5000.1	20	91.222.5060.1	20	
		6.0	91.222.6000.1	20	91.222.6060.1	20	
		7.0	91.222.7000.1	15	91.222.7060.1	15	
		8.0	91.222.8000.1	15	91.222.8060.1	10	

Cable H05VV-F		Cable S05Z1Z1-F					
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 L, N	1.0	91.222.1000.2	100	91.222.1060.2	100	
		2.0	91.222.2000.2	50	91.222.2060.2	50	
		3.0	91.222.3000.2	25	91.222.3060.2	25	
		4.0	91.222.4000.2	25	91.222.4060.2	25	
		5.0	91.222.5000.2	20	91.222.5060.2	20	
		6.0	91.222.6000.2	20	91.222.6060.2	20	
		7.0	91.222.7000.2	15	91.222.7060.2	15	
		8.0	91.222.8000.2	15	91.222.8060.2	10	


Cable H05VV-F		Cable S05Z1Z1-F					
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue (6 A)	Code 2 D1, D2	1.0	91.222.1000.9	100	91.222.1060.9	100	
		2.0	91.222.2000.9	50	91.222.2060.9	50	
		3.0	91.222.3000.9	30	91.222.3060.9	25	
		4.0	91.222.4000.9	25	91.222.4060.9	25	
		5.0	91.222.5000.9	20	91.222.5060.9	20	
		6.0	91.222.6000.9	20	91.222.6060.9	20	
		7.0	91.222.7000.9	15	91.222.7060.9	20	
		8.0	91.222.8000.9	15	91.222.8060.9	10	

Cable H05VV-F					
Cable white/coding	Length m	Part No.	P. U.	Price	
light blue (50 V)	Code 3 1, 2	1.0	91.222.1000.6	100	
		2.0	91.222.2000.6	50	
		3.0	91.222.3000.6	25	
		4.0	91.222.4000.6	25	
		5.0	91.222.5000.6	20	
		6.0	91.222.6000.6	20	
		7.0	91.222.7000.6	15	
		8.0	91.222.8000.6	15	

Other cables, other lengths, other codings on request



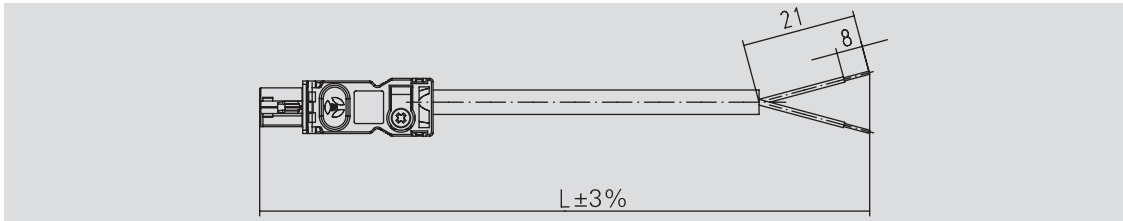
Cable assemblies, 2 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 7.5 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 21 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



Power: N = BU
 L = BN
 Dimming: D2 = BU
 D1 = BN

Cable black/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black	Code 1 N, L	1.0	91.222.1003.1	100	91.222.1063.1	100	
		2.0	91.222.2003.1	50	91.222.2063.1	50	
		3.0	91.222.3003.1	50	91.222.3063.1	50	
		4.0	91.222.4003.1	30	91.222.4063.1	30	
		5.0	91.222.5003.1	25	91.222.5063.1	25	
		6.0	91.222.6003.1	20	91.222.6063.1	20	
		7.0	91.222.7003.1	20	91.222.7063.1	20	
		8.0	91.222.8003.1	15	91.222.8063.1	15	

Cable white/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white	Code 1 N, L	1.0	91.222.1003.2	100	91.222.1063.2	100	
		2.0	91.222.2003.2	50	91.222.2063.2	50	
		3.0	91.222.3003.2	50	91.222.3063.2	50	
		4.0	91.222.4003.2	30	91.222.4063.2	30	
		5.0	91.222.5003.2	25	91.222.5063.2	25	
		6.0	91.222.6003.2	20	91.222.6063.2	20	
		7.0	91.222.7003.2	20	91.222.7063.2	20	
		8.0	91.222.8003.2	15	91.222.8063.2	15	


Cable white/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
pastel blue (6 A)	Code 2 D2, D1	1.0	91.222.1003.9	100	91.222.1063.9	100	
		2.0	91.222.2003.9	50	91.222.2063.9	50	
		3.0	91.222.3003.9	25	91.222.3063.9	25	
		4.0	91.222.4003.9	25	91.222.4063.9	25	
		5.0	91.222.5003.9	25	91.222.5063.9	20	
		6.0	91.222.6003.9	20	91.222.6063.9	20	
		7.0	91.222.7003.9	20	91.222.7063.9	15	
		8.0	91.222.8003.9	15	91.222.8063.9	15	

Cable white/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
light blue (50 V)	Code 3 2, 1	1.0	91.222.1003.6	100	91.222.1063.6	100	
		2.0	91.222.2003.6	50			
		3.0	91.222.3003.6	25			
		4.0	91.222.4003.6	25			
		5.0	91.222.5003.6	25			
		6.0	91.222.6003.6	20			
		7.0	91.222.7003.6	20			
		8.0	91.222.8003.6	15			



Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 7.5 mm

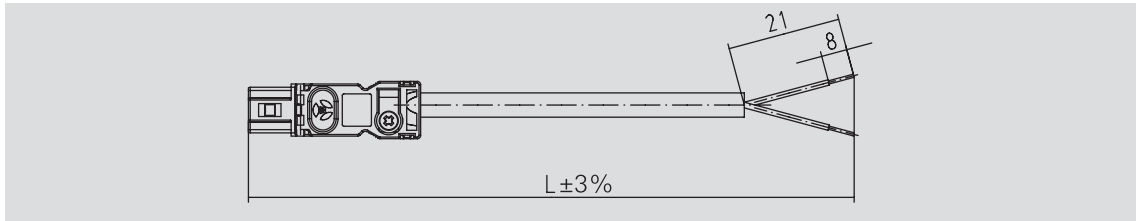
Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 21 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cable male – free end

Wire ends ultrason. welded



Power: N = BU
 L = BN
 Dimming: D2 = BU
 D1 = BN



		Cable H05VV-F				Cable S05Z1Z1-F			
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
black	Code 1 L, N	1.0	91.222.1004.1	100		91.222.1064.1	100		
		2.0	91.222.2004.1	50		91.222.2064.1	50		
		3.0	91.222.3004.1	50		91.222.3064.1	25		
		4.0	91.222.4004.1	30		91.222.4064.1	30		
		5.0	91.222.5004.1	25		91.222.5064.1	25		
		6.0	91.222.6004.1	20		91.222.6064.1	20		
		7.0	91.222.7004.1	20		91.222.7064.1	20		
		8.0	91.222.8004.1	15		91.222.8064.1	15		

		Cable H05VV-F				Cable S05Z1Z1-F			
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
white	Code 1 L, N	1.0	91.222.1004.2	100		91.222.1064.2	100		
		2.0	91.222.2004.2	50		91.222.2064.2	50		
		3.0	91.222.3004.2	50		91.222.3064.2	50		
		4.0	91.222.4004.2	30		91.222.4064.2	30		
		5.0	91.222.5004.2	25		91.222.5064.2	25		
		6.0	91.222.6004.2	20		91.222.6064.2	20		
		7.0	91.222.7004.2	20		91.222.7064.2	20		
		8.0	91.222.8004.2	15		91.222.8064.2	15		


		Cable H05VV-F				Cable S05Z1Z1-F			
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price		
pastel blue (6 A)	Code 2 D1, D2	1.0	91.222.1004.9	100		91.222.1064.9	100		
		2.0	91.222.2004.9	50		91.222.2064.9	50		
		3.0	91.222.3004.9	30		91.222.3064.9	25		
		4.0	91.222.4004.9	25		91.222.4064.9	25		
		5.0	91.222.5004.9	20		91.222.5064.9	25		
		6.0	91.222.6004.9	20		91.222.6064.9	15		
		7.0	91.222.7004.9	15		91.222.7064.9	20		
		8.0	91.222.8004.9	15		91.222.8064.9	10		

		Cable H05VV-F			
Cable white/coding	Length m	Part No.	P. U.	Price	
light blue (50 V)	Code 3 1, 2	1.0	91.222.1004.6	100	
		2.0	91.222.2004.6	50	
		3.0	91.222.3004.6	30	
		4.0	91.222.4004.6	25	
		5.0	91.222.5004.6	20	
		6.0	91.222.6004.6	20	
		7.0	91.222.7004.6	15	
		8.0	91.222.8004.6	15	

Other cables, other lengths, other codings on request

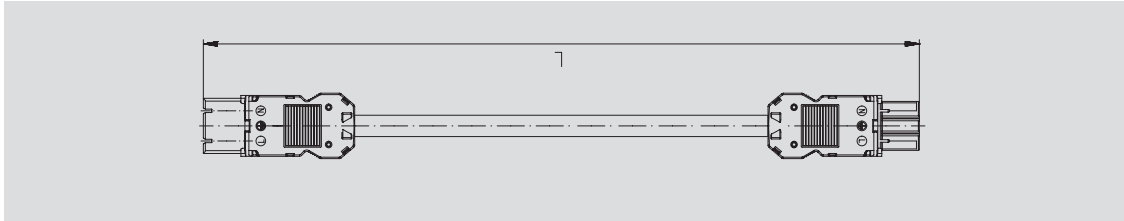


Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Locking device: integrated

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

Cable black/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black	Code 1 L, PE, N	1.0	91.232.1000.1	50	91.232.1060.1	50	
		2.0	91.232.2000.1	30	91.232.2060.1	40	
		3.0	91.232.3000.1	25	91.232.3060.1	25	
		4.0	91.232.4000.1	20	91.232.4060.1	25	
		5.0	91.232.5000.1	15	91.232.5060.1	15	
		6.0	91.232.6000.1	15	91.232.6060.1	10	
		7.0	91.232.7000.1	10	91.232.7060.1	10	
		8.0	91.232.8000.1	10	91.232.8060.1	10	

Cable white/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white	Code 1 L, PE, N	1.0	91.232.1000.2	50	91.232.1060.2	50	
		2.0	91.232.2000.2	30	91.232.2060.2	30	
		3.0	91.232.3000.2	25	91.232.3060.2	25	
		4.0	91.232.4000.2	20	91.232.4060.2	25	
		5.0	91.232.5000.2	15	91.232.5060.2	20	
		6.0	91.232.6000.2	15	91.232.6060.2	15	
		7.0	91.232.7000.2	10	91.232.7060.2	10	
		8.0	91.232.8000.2	10	91.232.8060.2	10	

Cable white/coding		Cable H05VV-F		
Length m	Part No.	P. U.	Price	
brown (oxide red)	Code 4 1, 2, 3	1.0	91.232.1000.4	50
		2.0	91.232.2000.4	30
		3.0	91.232.3000.4	25
		4.0	91.232.4000.4	20
		5.0	91.232.5000.4	15
		6.0	91.232.6000.4	15
		7.0	91.232.7000.4	10
		8.0	91.232.8000.4	10




1 = SW
 2 = GR
 3 = BN



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.3 mm

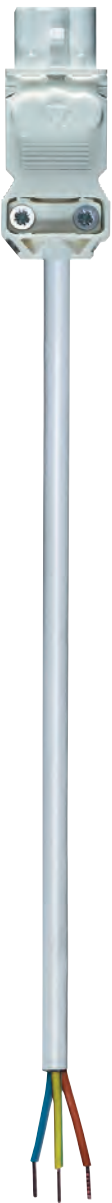
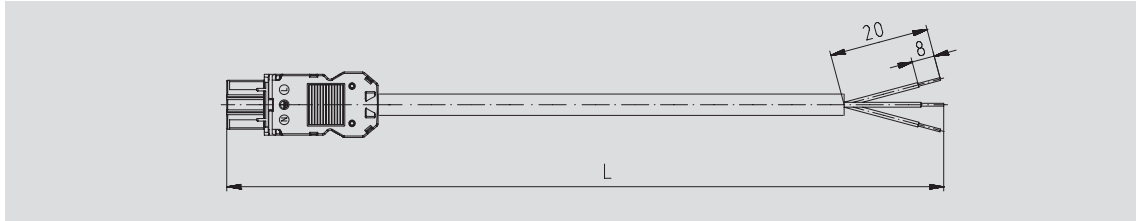
Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 20 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



Cable black/coding		Cable H05VV-F				Cable S05Z1Z1-F			
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price			
black	Code 1 N, PE, L	1.0	91.232.1003.1	50		91.232.1063.1	50		
		2.0	91.232.2003.1	30		91.232.2063.1	30		
		3.0	91.232.3003.1	25		91.232.3063.1	25		
		4.0	91.232.4003.1	25		91.232.4063.1	25		
		5.0	91.232.5003.1	20		91.232.5063.1	15		
		6.0	91.232.6003.1	10		91.232.6063.1	10		
		7.0	91.232.7003.1	10		91.232.7063.1	10		
		8.0	91.232.8003.1	10		91.232.8063.1	10		

Cable white/coding		Cable H05VV-F				Cable S05Z1Z1-F			
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price			
white	Code 1 N, PE, L	1.0	91.232.1003.2	50		91.232.1063.2	50		
		2.0	91.232.2003.2	30		91.232.2063.2	30		
		3.0	91.232.3003.2	25		91.232.3063.2	25		
		4.0	91.232.4003.2	20		91.232.4063.2	20		
		5.0	91.232.5003.2	15		91.232.5063.2	20		
		6.0	91.232.6003.2	15		91.232.6063.2	10		
		7.0	91.232.7003.2	10		91.232.7063.2	10		
		8.0	91.232.8003.2	10		91.232.8063.2	10		

Cable white/coding		Cable H05VV-F			
Length m	Part No.	P. U.	Price		
brown (oxide red)	Code 4 3, 2, 1	1.0	91.232.1003.4	50	
		2.0	91.232.2003.4	30	
		3.0	91.232.3003.4	25	
		4.0	91.232.4003.4	20	
		5.0	91.232.5003.4	15	
		6.0	91.232.6003.4	15	
		7.0	91.232.7003.4	10	
		8.0	91.232.8003.4	10	




1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



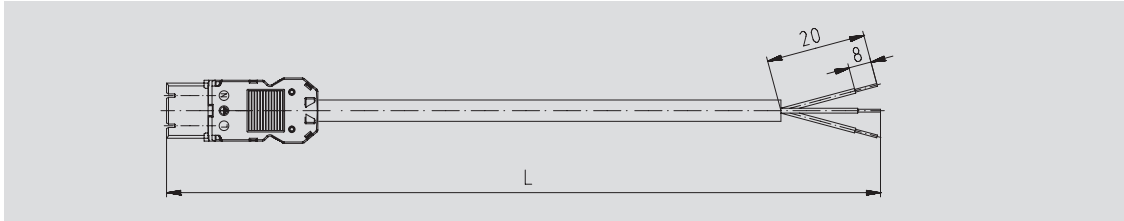
Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 20 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cable male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

Cable black/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black	Code 1 L, PE, N	1.0	91.232.1004.1	50	91.232.1064.1	50	
		2.0	91.232.2004.1	30	91.232.2064.1	30	
		3.0	91.232.3004.1	25	91.232.3064.1	25	
		4.0	91.232.4004.1	25	91.232.4064.1	25	
		5.0	91.232.5004.1	20	91.232.5064.1	15	
		6.0	91.232.6004.1	10	91.232.6064.1	10	
		7.0	91.232.7004.1	10	91.232.7064.1	10	
		8.0	91.232.8004.1	10	91.232.8064.1	10	

Cable white/coding		Cable H05VV-F			Cable S05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white	Code 1 L, PE, N	1.0	91.232.1004.2	50	91.232.1064.2	50	
		2.0	91.232.2004.2	30	91.232.2064.2	30	
		3.0	91.232.3004.2	25	91.232.3064.2	25	
		4.0	91.232.4004.2	25	91.232.4064.2	25	
		5.0	91.232.5004.2	15	91.232.5064.2	20	
		6.0	91.232.6004.2	10	91.232.6064.2	15	
		7.0	91.232.7004.2	10	91.232.7064.2	10	
		8.0	91.232.8004.2	10	91.232.8064.2	10	

Cable white/coding		Cable H05VV-F		
Length m	Part No.	P. U.	Price	
brown (oxide red)	Code 4 1, 2, 3	1.0	91.232.1004.4	50
		2.0	91.232.2004.4	30
		3.0	91.232.3004.4	25
		4.0	91.232.4004.4	25
		5.0	91.232.5004.4	15
		6.0	91.232.6004.4	10
		7.0	91.232.7004.4	10
		8.0	91.232.8004.4	10



1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

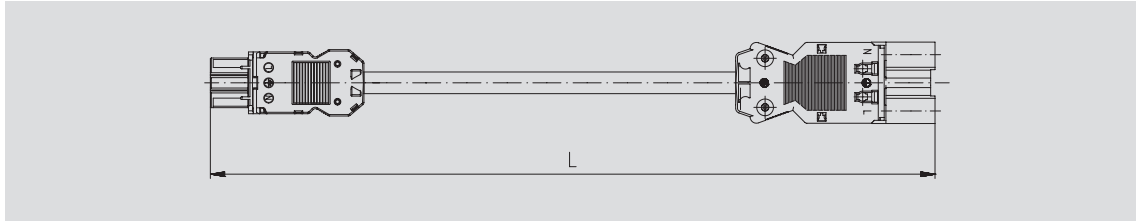
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads GST18: see Accessories

Adapter cables female – male
 GST18i3 female – GST15i3 male



⊕ = GN/YE
 N = BU
 L = BN



Cable black/coding		Cable H05VV-F				Cable S05Z1Z1-F			
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price			
black	Code 1 L, PE, N	1.0	91.232.1009.1	50		91.232.1069.1	75		
		2.0	91.232.2009.1	30		91.232.2069.1	40		
		3.0	91.232.3009.1	25		91.232.3069.1	25		
		4.0	91.232.4009.1	25		91.232.4069.1	25		
		5.0	91.232.5009.1	15		91.232.5069.1	20		
		6.0	91.232.6009.1	10		91.232.6069.1	10		
		7.0	91.232.7009.1	10		91.232.7069.1	10		
		8.0	91.232.8009.1	10		91.232.8069.1	10		

Cable white/coding		Cable H05VV-F				Cable S05Z1Z1-F			
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price			
white	Code 1 L, PE, N	1.0	91.232.1009.2	50		91.232.1069.2	50		
		2.0	91.232.2009.2	40		91.232.2069.2	25		
		3.0	91.232.3009.2	25		91.232.3069.2	25		
		4.0	91.232.4009.2	25		91.232.4069.2	20		
		5.0	91.232.5009.2	20		91.232.5069.2	15		
		6.0	91.232.6009.2	15		91.232.6069.2	15		
		7.0	91.232.7009.2	10		91.232.7069.2	10		
		8.0	91.232.8009.2	10		91.232.8069.2	10		

Other cables, other lengths, other codings on request

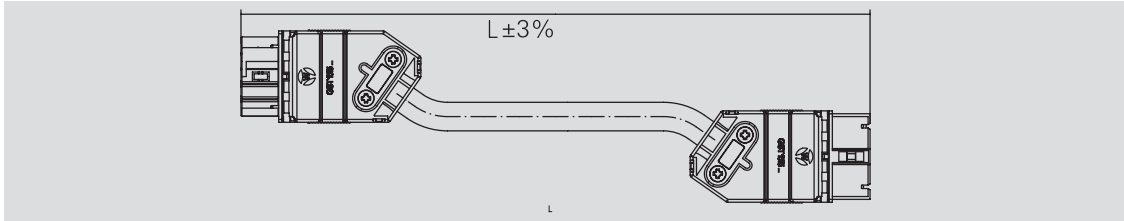


Cable assemblies, 4 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads GST18: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable white/coding		Cable H05VV-F				Cable H05Z1Z1-F			
		Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white Angular strain relief	Code 1 N, PE, 1, 2	1.0	91.207.1000.2	50		91.207.1060.2	50		
		2.0	91.207.2000.2	25		91.207.2060.2	25		
		3.0	91.207.3000.2	20		91.207.3060.2	20		
		4.0	91.207.4000.2	15		91.207.4060.2	15		
		5.0	91.207.5000.2	10		91.207.5060.2	10		
		6.0	91.207.6000.2	10		91.207.6060.2	10		
		7.0	91.207.7000.2	5		91.207.7060.2	5		
		8.0	91.207.8000.2	5		91.207.8060.2	10		



GST15i4



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 9.2 mm

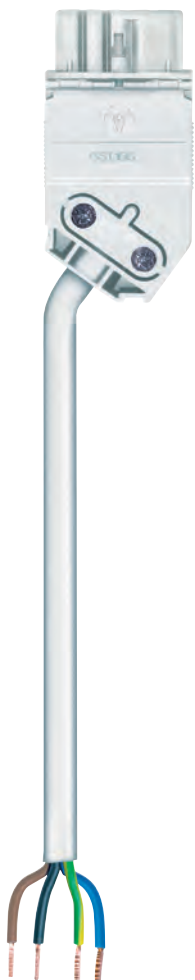
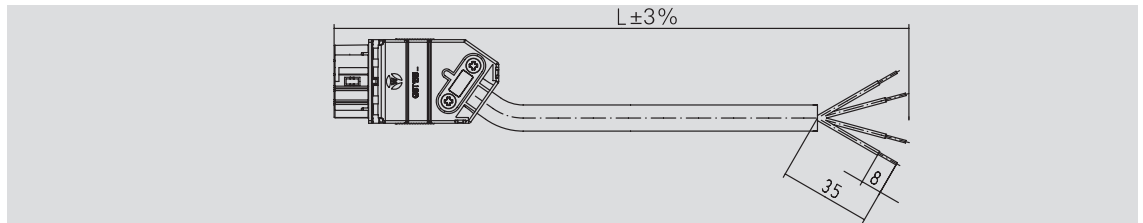
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK



Cable white/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
white Angular strain relief	Code 1 N, PE, 1, 2	1.0	91.207.1003.2	50		91.207.1063.2	50	
		2.0	91.207.2003.2	25		91.207.2063.2	25	
		3.0	91.207.3003.2	20		91.207.3063.2	20	
		4.0	91.207.4003.2	15		91.207.4063.2	15	
		5.0	91.207.5003.2	10		91.207.5063.2	10	
		6.0	91.207.6003.2	10		91.207.6063.2	10	
		7.0	91.207.7003.2	5		91.207.7063.2	5	
		8.0	91.207.8003.2	5		91.207.8063.2	5	

Other cables, other lengths, other codings on request

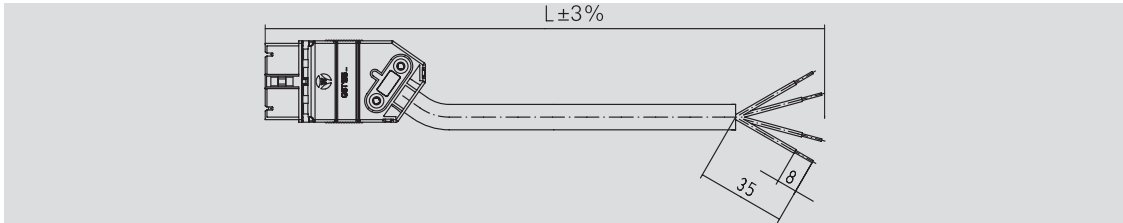


Cable assemblies, 4 pole, 1.5 mm²

Rated voltage:	250 V	Cable material, H05VV-F:	PVC, contains halogen
Rated current:	16 A	Cable material, H05Z1Z1-F:	halogen-free
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Protection rating:	IP20, IP40 when plugged	Wire stripping length:	8 mm
Approvals:		Locking device:	integrated
Cable diameter:	9.2 mm		

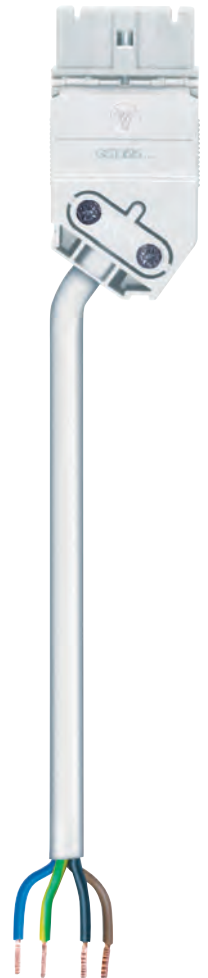
Connection cable male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable white/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
white Angular strain relief	Code 1 2, 1, N, PE	1.0	91.207.1004.2	50		91.207.1064.2	50	
		2.0	91.207.2004.2	25		91.207.2064.2	25	
		3.0	91.207.3004.2	20		91.207.3064.2	20	
		4.0	91.207.4004.2	15		91.207.4064.2	15	
		5.0	91.207.5004.2	10		91.207.5064.2	10	
		6.0	91.207.6004.2	10		91.207.6064.2	10	
		7.0	91.207.7004.2	5		91.207.7064.2	5	
		8.0	91.207.8004.2	5		91.207.8064.2	5	




GST15i4



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

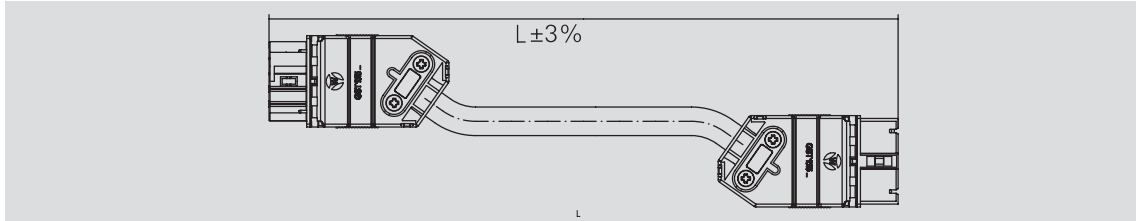
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Locking device: integrated

Connecting cables female – male



Power: ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Dimming: ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable H05VV-F					Cable H05Z1Z1-F		
Cable black/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 N, PE, 1, 2, 3	1.0	91.257.1000.1	30		91.257.1060.1	30
		2.0	91.257.2000.1	20		91.257.2060.1	20
		3.0	91.257.3000.1	15		91.257.3060.1	15
		4.0	91.257.4000.1	10		91.257.4060.1	10
		5.0	91.257.5000.1	10		91.257.5060.1	10
		6.0	91.257.6000.1	8		91.257.6060.1	8
		7.0	91.257.7000.1	5		91.257.7060.1	5
		8.0	91.257.8000.1	5		91.257.8060.1	5

Cable H05VV-F					Cable H05Z1Z1-F		
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 N, PE, 1, 2, 3	1.0	91.257.1000.2	30		91.257.1060.2	30
		2.0	91.257.2000.2	20		91.257.2060.2	20
		3.0	91.257.3000.2	15		91.257.3060.2	15
		4.0	91.257.4000.2	10		91.257.4060.2	10
		5.0	91.257.5000.2	10		91.257.5060.2	10
		6.0	91.257.6000.2	8		91.257.6060.2	8
		7.0	91.257.7000.2	5		91.257.7060.2	5
		8.0	91.257.8000.2	5		91.257.8060.2	5


Cable H05VV-F					Cable H05Z1Z1-F		
Cable white/coding	Length m	Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	Code 2 N, PE, L, D2, D1	1.0	91.257.1000.9	30		91.257.1060.9	30
		2.0	91.257.2000.9	20		91.257.2060.9	20
		3.0	91.257.3000.9	15		91.257.3060.9	15
		4.0	91.257.4000.9	10		91.257.4060.9	10
		5.0	91.257.5000.9	10		91.257.5060.9	10
		6.0	91.257.6000.9	8		91.257.6060.9	8
		7.0	91.257.7000.9	5		91.257.7060.9	5
		8.0	91.257.8000.9	5		91.257.8060.9	5



GST15i5

Other cables, other lengths, other codings on request

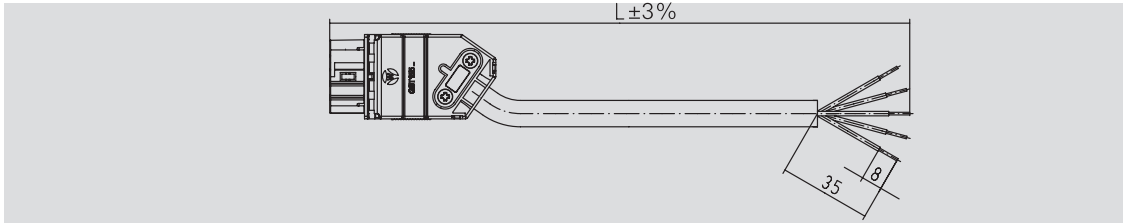
Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



Power: ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Dimming: ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY

Cable black/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
black	Code 1 N, PE, 1, 2, 3	1.0	91.257.1003.1	30	91.257.1063.1	30	
		2.0	91.257.2003.1	20	91.257.2063.1	20	
		3.0	91.257.3003.1	15	91.257.3063.1	15	
		4.0	91.257.4003.1	10	91.257.4063.1	10	
		5.0	91.257.5003.1	10	91.257.5063.1	10	
		6.0	91.257.6003.1	8	91.257.6063.1	8	
		7.0	91.257.7003.1	5	91.257.7063.1	5	
		8.0	91.257.8003.1	5	91.257.8063.1	5	


Cable white/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
white	Code 1 N, PE, 1, 2, 3	1.0	91.257.1003.2	30	91.257.1063.2	30	
		2.0	91.257.2003.2	20	91.257.2063.2	20	
		3.0	91.257.3003.2	15	91.257.3063.2	15	
		4.0	91.257.4003.2	10	91.257.4063.2	10	
		5.0	91.257.5003.2	8	91.257.5063.2	10	
		6.0	91.257.6003.2	8	91.257.6063.2	8	
		7.0	91.257.7003.2	5	91.257.7063.2	5	
		8.0	91.257.8003.2	5	91.257.8063.2	5	

Cable white/coding		Cable H05VV-F			Cable H05Z1Z1-F		
Length m	Part No.	P. U.	Price	Part No.	P. U.	Price	
pastel blue	Code 2 N, PE, L, D2, D1	1.0	91.257.1003.9	30	91.257.1063.9	30	
		2.0	91.257.2003.9	20	91.257.2063.9	20	
		3.0	91.257.3003.9	15	91.257.3063.9	15	
		4.0	91.257.4003.9	10	91.257.4063.9	10	
		5.0	91.257.5003.9	8	91.257.5063.9	10	
		6.0	91.257.6003.9	8	91.257.6063.9	8	
		7.0	91.257.7003.9	5	91.257.7063.9	5	
		8.0	91.257.8003.9	5	91.257.8063.9	5	



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 8 mm
 Locking device: integrated

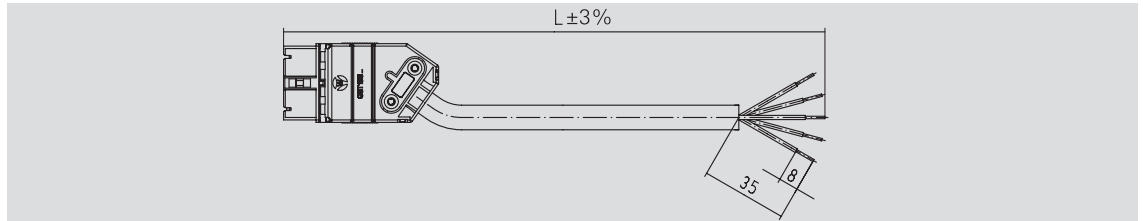
Connection cable male – free end

Wire ends ultrason. welded



Power: \oplus = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Dimming: \oplus = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable black/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
black	Code 1 3, 2, 1, PE, N	1.0	91.257.1004.1	30		91.257.1064.1	30	
		2.0	91.257.2004.1	20		91.257.2064.1	20	
		3.0	91.257.3004.1	15		91.257.3064.1	15	
		4.0	91.257.4004.1	10		91.257.4064.1	10	
		5.0	91.257.5004.1	10		91.257.5064.1	10	
		6.0	91.257.6004.1	8		91.257.6064.1	8	
		7.0	91.257.7004.1	5		91.257.7064.1	5	
		8.0	91.257.8004.1	5		91.257.8064.1	5	

Cable white/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
white	Code 1 3, 2, 1, PE, N	1.0	91.257.1004.2	30		91.257.1064.2	30	
		2.0	91.257.2004.2	20		91.257.2064.2	20	
		3.0	91.257.3004.2	15		91.257.3064.2	15	
		4.0	91.257.4004.2	10		91.257.4064.2	10	
		5.0	91.257.5004.2	10		91.257.5064.2	10	
		6.0	91.257.6004.2	8		91.257.6064.2	8	
		7.0	91.257.7004.2	5		91.257.7064.2	5	
		8.0	91.257.8004.2	5		91.257.8064.2	5	

Cable white/coding		Length m	Cable H05VV-F			Cable H05Z1Z1-F		
			Part No.	P. U.	Price	Part No.	P. U.	Price
pastel blue	Code 2 D1, D2, L, PE, N	1.0	91.257.1004.9	30		91.257.1064.9	30	
		2.0	91.257.2004.9	20		91.257.2064.9	20	
		3.0	91.257.3004.9	15		91.257.3064.9	15	
		4.0	91.257.4004.9	10		91.257.4064.9	10	
		5.0	91.257.5004.9	10		91.257.5064.9	10	
		6.0	91.257.6004.9	8		91.257.6064.9	8	
		7.0	91.257.7004.9	5		91.257.7064.9	5	
		8.0	91.257.8004.9	5		91.257.8064.9	5	

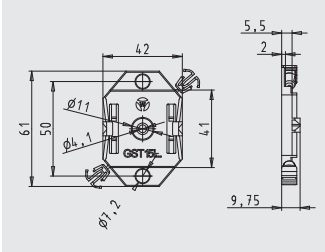


GST15i5

Other cables, other lengths, other codings on request

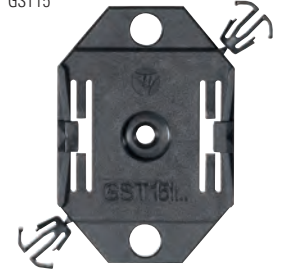
Mounting material, sample kits

GST15 mounting plate for h/H distributors

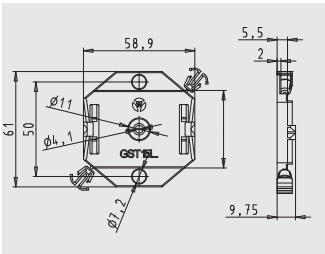


Color	Part No.	P. U.	Price
black	07.418.9153.1	50	

Mounting plate
GST15



GST15 mounting plate for HH distributors



Color	Part No.	P. U.	Price
black	07.418.9253.1	50	

Mounting plate
GST15



3 pole

Part No.	P. U.	Price
gesis MINI 3 pole	99.491.0000.0	1

GST15i3 sample kit



2 pole to 5 pole

Part No.	P. U.	Price
gesis MINI SET	99.427.0000.0	6

GST15i2...i5
sample kit



Invisible installations for your presentation!

Our **gesis** MICRO connector system connects your light in showcases and on shelves – in places where no one else can reach. And it does so in the simplest way imaginable.

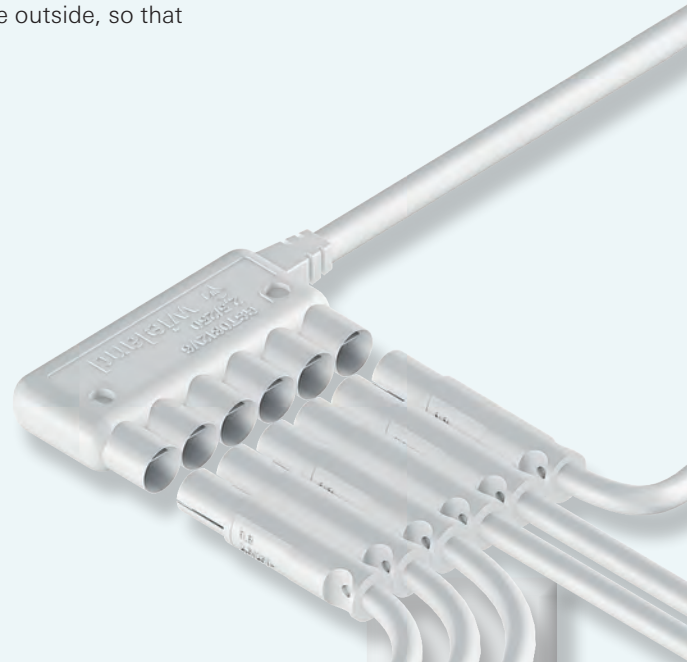
Because **gesis** MICRO is so small, all you need is a drilled hole to run the lines through. Because **gesis** MICRO comes as a pre-assembled cable, you do not have to connect the plugs manually – it is all “plug-and-play”. And because **gesis** MICRO is matched to the whole **gesis** family, you receive a complete system – and you can extend your installation, even as far as the earth contact plug of the power cord.

This makes the electrical installation inside your furniture “invisible” from the outside, so that nothing distracts the eye from the things that matter.



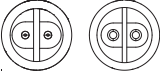
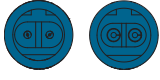

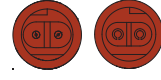
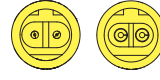
More information

<http://eshop.wieland-electric.com>



Coding of GST08i2 connectors

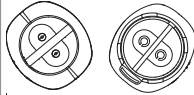
GST18i02

Code 1	Code 2	Code 3	Code 4	Code 5
white	blue	green	red	yellow
				
Application Mains voltage (protection class II)	Application Low voltage (12 V)	Application Low voltage (24 V)	Application Switching output	Application Low voltage (constant current)

GST08i3

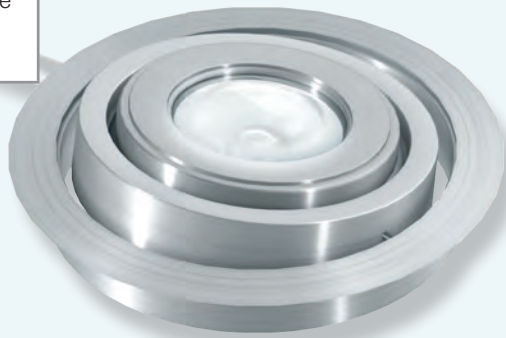
Code 1

white



Application

Mains voltage
(protection
class I)



Solder connectors, horizontal

Rated voltage:
Rated impulse voltage:
Protection rating:

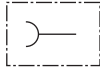
250 V
IP20, IP40 when plugged

Approvals:
Plug direction:
Fixation:
Solder paste mask:

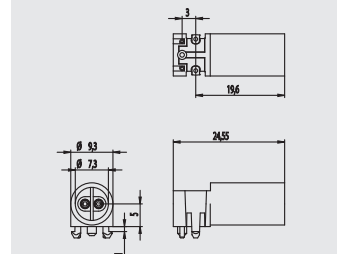
straight
Studs
see Technical Data

2 pole, solder pin length = 2.5 mm

Female connector
GST0812LB WS



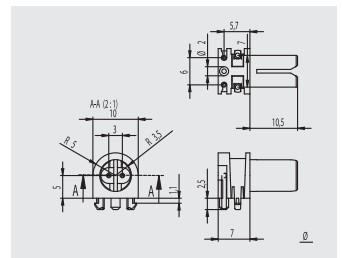
Color	Coding	Part No.	P. U.	Price
white (2.5 A)	Code 1	99.441.0000.8	200	
blue (6 A)	Code 2	99.443.0000.8	200	
green (6 A)	Code 3	99.445.0000.8	200	
yellow (6 A)	Code 5	99.472.0000.8	100	



Male connector
GST0812LS WS



Color	Coding	Part No.	P. U.	Price
white (2.5 A)	Code 1	99.440.0000.8	200	
blue (6 A)	Code 2	99.442.0000.8	200	
green (6 A)	Code 3	99.444.0000.8	200	
yellow (6 A)	Code 5	99.471.0000.8	100	

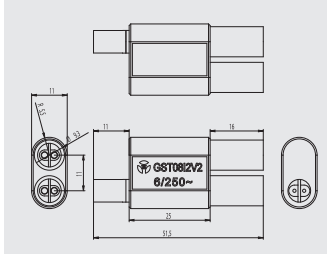


Distribution block – with 2 pole cable, 0.75 mm²

Rated voltage: 250 V
 Rated current: 2.5 A
 Protection rating: IP20, IP40 when plugged
 Approvals:

Cable material, H03V2V2H2-F: PVC, contains halogen
 Locking device: pluggable

2 pole, distribution unit

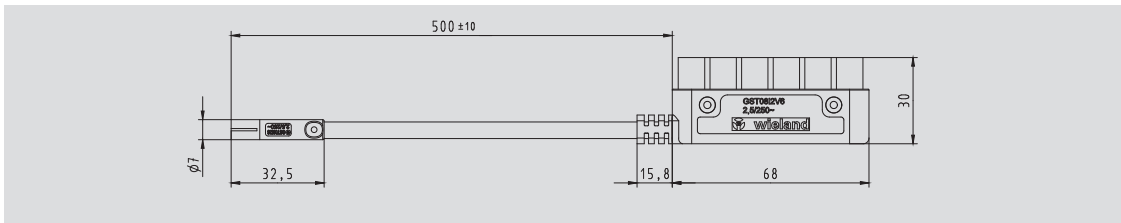


Color	Coding	Outputs	Part No.	P. U.	Price
white (250 V/2.5 A/AC)		Code 1 2	99.453.0000.8	1000	
blue (12 V/6 A)		Code 2 2	99.438.0000.8	1000	
green (24 V/6 A)		Code 3 2	99.439.0000.8	1000	
yellow (50 V/6 A/DC)		Code 5 2	99.459.0000.8	1000	

Distribution block
GST08i2V 2P WS



2 pole, distribution unit Distribution block with extension cable



Distribution block
GST08i2V S6P 75P 05WS



Cable H03V2V2H2-F

Cable white/coding	Length m	Part No.	P. U.	Price	Outputs
white Code 1 L, N	0.5	99.405.0000.8	100		6

2 pole, distribution unit Distribution block, 1x input, free end

Cable H03V2V2H2-F

Cable white/coding	Length m	Part No.	P. U.	Price	Outputs
blue (12 V) Code 2 +, -	0.5	99.413.0000.8	280		6



2 pole, distribution unit Distribution block, 1x input, free end

Cable H03V2V2H2-F

Cable white/coding	Length m	Part No.	P. U.	Price	Outputs
green (24 V) Code 3 +, -	0.5	99.419.0000.8	280		6



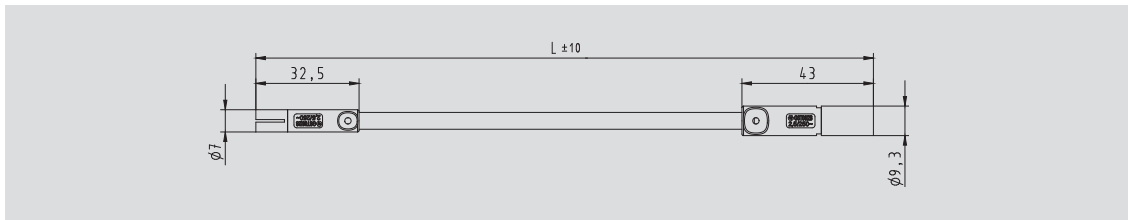
Cable assemblies, 2 pole, 0.75 mm²

Protection rating: IP20, IP40 when plugged
 Cable material, H03V2V2H2-F: PVC, contains halogen
 Cable diameter:
 Locking device: pluggable

Connecting cables female – male



Code 1, 4 **Code 2, 3, 5**
 N = BU - = BU
 L = BN + = BN



Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price
white (250 V/2.5 A/AC)	Code 1	1.0	99.403.0000.8	250
	L, N	3.0	99.404.0000.8	75

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price
blue (12 V/6 A)	Code 2	1.0	99.411.0000.8	250
	+, -	2.0		
		3.0	99.412.0000.8	75

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price
green (24 V/6 A)	Code 3	1.0	99.417.0000.8	250
	+, -	2.0	99.426.0000.8	100
		2.5	99.427.0000.8	100
		3.0	99.418.0000.8	75

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price
yellow (50 V/6 A/DC)	Code 5	1.0	99.455.0000.8	250
	+, -	2.0	99.456.0000.8	75

Other cables, other lengths, other codings on request

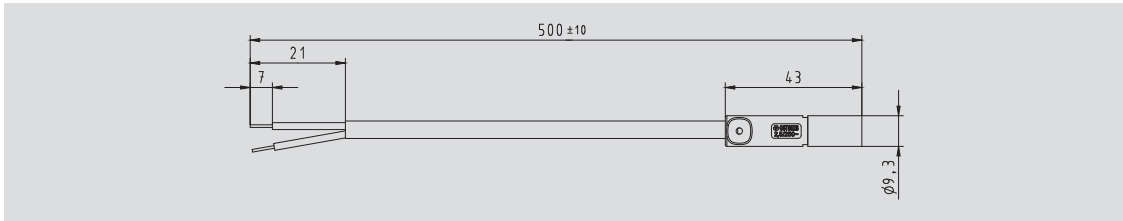


Cable assemblies, 2 pole, 0.75 mm²

Protection rating:	IP20, IP40 when plugged	Sheath strip length:	21 mm
Cable material, H03V2V2H2-F:	PVC, contains halogen	Wire stripping length:	7 mm
Cable diameter:		Approvals:	
Locking device:	pluggable	Cable diameter:	

Connection cables female – free end

Wire ends ultrasonically welded



Code 1, 4 **Code 2, 3, 5**
 N = BU - = BU
 L = BN + = BN

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
white (250 V/2.5 A/AC)	Code 1	0.5	99.400.0000.8	100	
	L, N	1.0			
		3.0			

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
blue (12 V/6 A)	Code 2	0.5	99.408.0000.8	100	
	+, -	1.0			
		2.0			

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
green (24 V/6 A)	Code 3	0.15	99.415.0000.8	100	
	+, -	0.5	99.414.0000.8	100	
		1.0			
		2.0			

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
yellow (50 V/6 A/DC)	Code 5	0.5	99.458.0000.8	500	
	+, -	1.0			



Cable assemblies, 2 pole, 0.75 mm²

Protection rating: IP20, IP40 when plugged
 Cable material, H03V2V2H2-F: PVC, contains halogen
 Cable diameter: pluggable
 Locking device: pluggable

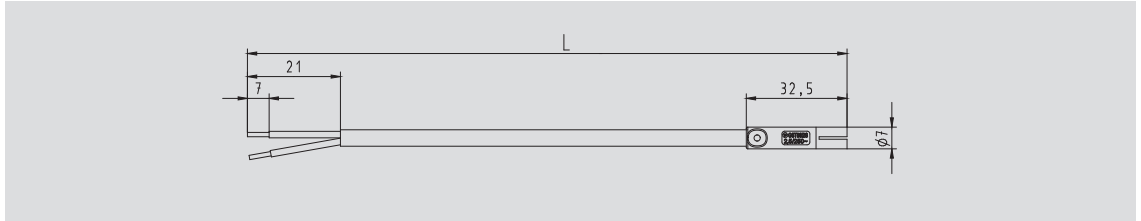
Sheath strip length: 21 mm
 Wire stripping length: 7 mm
 Approvals:
 Cable diameter: 7 mm

Connection cable male – free end

Wire ends ultrasonically welded



Code 1, 4 **Code 2, 3, 5**
 N = BU - = BU
 L = BN + = BN



Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
white (250 V/2.5 A/AC)	Code 1	0.5	99.402.0000.8	100	
	L, N	1.0			
		3.0			

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
blue (12 V/6 A)	Code 2	0.5	99.410.0000.8	100	
	+, -	1.0			
		2.0			

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
green (24 V/6 A)	Code 3	0.15	99.428.0000.8	125	
	+, -	0.5	99.416.0000.8	100	
		1.0	99.429.0000.8	100	
		2.0			

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price	
yellow (50 V/6 A/DC)	Code 5	0.5	99.457.0000.8	1000	
	+, -	1.0			
		2.0			

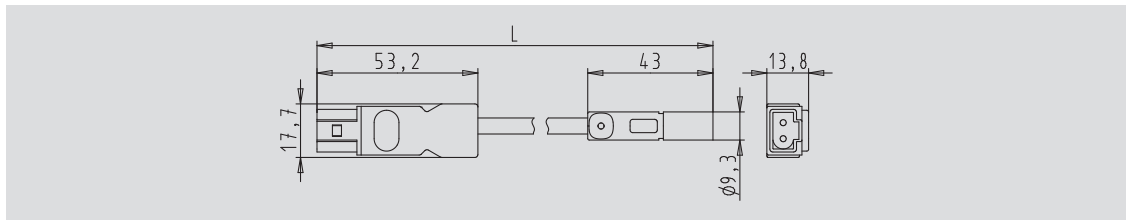
Other cables, other lengths, other codings on request



Cable assemblies, 2 pole, 0.75 mm²

Protection rating: IP20, IP40 when plugged
Cable material, H03V2V2H2-F: PVC, contains halogen
Cable diameter:
Locking device: pluggable

Adapter female – male GST 15



Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price
white (250 V/2.5 A/AC)	0.5	99.401.0000.8	300	
	1.0			
	3.0			

Cable **H03V2V2H2-F**

Cable white/coding	Length m	Part No.	P. U.	Price
blue (12 V/6 A)	0.5	99.409.0000.8	300	
	1.0			
	3.0			



500 ±10

GST08i2



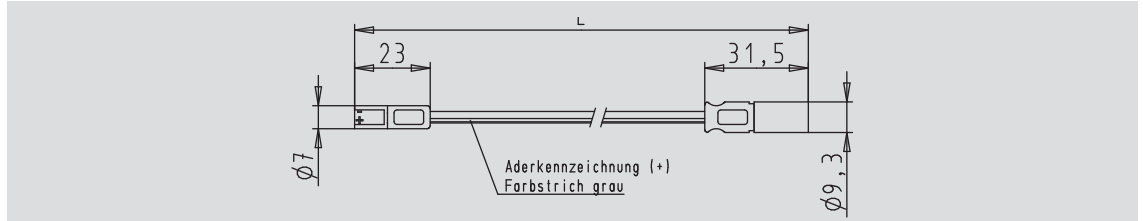
Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 0.5 mm²

Rated voltage: 24 V
 Rated current: 6 A
 Protection rating: IP20, IP40 when plugged
 Cable material, LIYZ: PVC, contains halogen
 Cable diameter:
 Locking device: pluggable

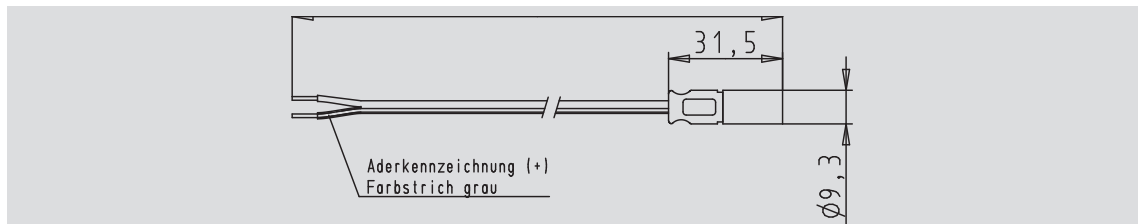
Wire stripping length: 7 mm

Connecting cables female – male



Cable LIYZ					
Cable white/coding		Length m	Part No.	P. U.	Price
green (24 V/6 A)	Code 3 +, -	0.5	99.462.0000.8	100	
		1.0	99.463.0000.8	125	
		1.5	99.464.0000.8	150	
		2.0			

Connection cables female – free end
 Wire ends tin-plated



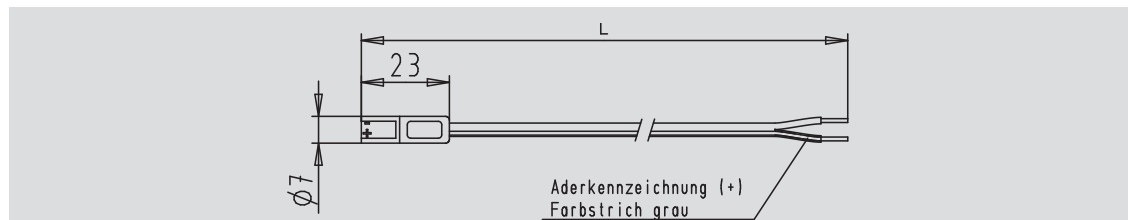
Cable LIYZ					
Cable white/coding		Length m	Part No.	P. U.	Price
green (24 V/6 A)	Code 3 +, -	0.5	99.468.0000.8	100	
		1.0	99.469.0000.8	125	
		1.5	99.470.0000.8	150	
		2.0			



Cable assemblies, 2 pole, 0.5 mm²

Rated voltage:	24 V		
Rated current:	6 A		
Protection rating:	IP20, IP40 when plugged		
Cable material, LIYZ:	PVC, contains halogen		
Cable diameter:			
Locking device:	pluggable	Wire stripping length:	7 mm

Connection cable male – free end
Wire ends tin-plated



Cable **LIYZ**

Cable white/coding	Length m	Part No.	P. U.	Price
green (24 V/6 A)	0.5	99.465.0000.8	100	
	1.0	99.466.0000.8	125	
	1.5	99.467.0000.8	150	
	2.0			

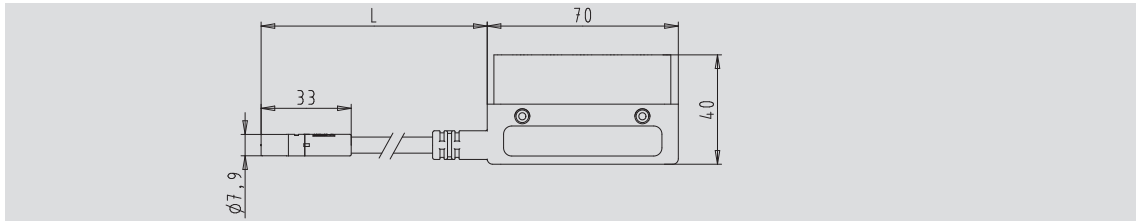


Other cables, other lengths, other codings on request

Distribution block with 3 pole cable, 0.75 mm²

Rated voltage:	250 V	Cable diameter:	
Rated current:	6 A	Locking device:	pluggable
Protection rating:	IP20, IP40 when plugged		
Cable material, H03VV-F:	PVC, contains halogen		

Distribution block with extension cable



Cable H03VV-F

Cable white/coding	Length m	Part No.	P. U.	Price	Outputs
white (250 V/6 A)	Code 1 L, N, PE 0.5	99.425.0000.8	50		6

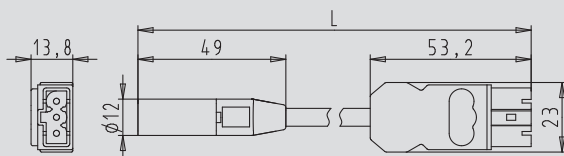
Other cables, other lengths, other codings on request



Cable assemblies, 3 pole, 0.75 mm²

Rated voltage:	250 V	Approvals:	
Rated current:	6 A	Cable diameter:	
Protection rating:	IP20, IP40 when plugged	Locking device:	pluggable
Cable material, H03VV-F:	PVC, contains halogen		

Adapter cable female – male
GST15i3 male connector



Cable white/coding	Length m	Part No.	P. U.	Price
white (250 V/6 A)	0.5	99.421.0000.8	300	



GST08i3



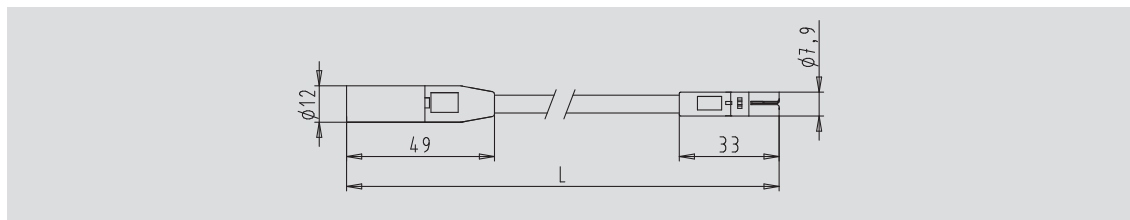
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 0.75 mm²

Rated voltage: 250 V
 Rated current: 6 A
 Protection rating: IP20, IP40 when plugged
 Cable material, H03VV-F: PVC, contains halogen
 Cable diameter:
 Locking device: pluggable

Sheath strip length: 21 mm
 Wire stripping length: 7 mm

Connecting cables female – male

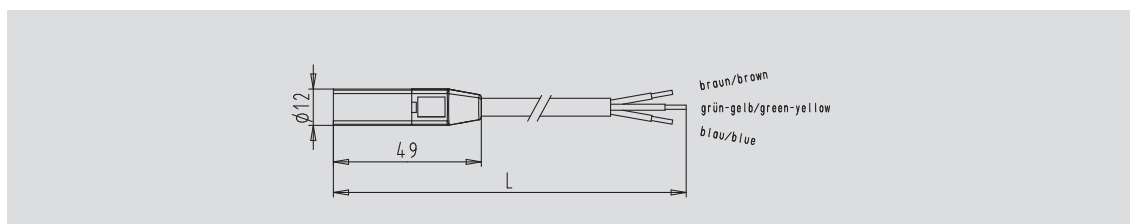


Cable H03VV-F					
Cable white/coding		Length m	Part No.	P. U.	Price
white (250 V/6 A)	Code 1	1.0	99.423.0000.8	150	
	L, N, PE	1.5	99.424.0000.8	50	



⊕ = GN/YE
 N = BU
 L = BN

Connection cables female – free end
 Wire ends ultrasonically welded



Cable H03VV-F					
Cable white/coding		Length m	Part No.	P. U.	Price
white (250 V/6 A)	Code 1	0.5	99.420.0000.8	150	
	L, N, PE				



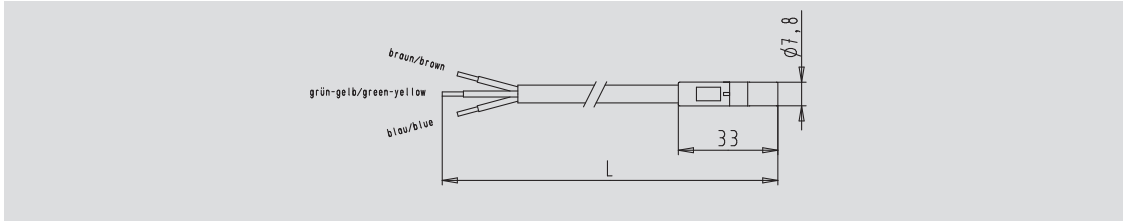
⊕ = GN/YE
 N = BU
 L = BN

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 0.75 mm²

Rated voltage:	250 V	Sheath strip length:	21 mm
Rated current:	6 A	Wire stripping length:	7 mm
Protection rating:	IP20, IP40 when plugged		
Cable material, H03VV-F:	PVC, contains halogen		
Cable diameter:			
Locking device:	pluggable		

Connection cable male – free end
Wire ends ultrasonically welded



Cable white/coding		Length m	Cable H03VV-F		P. U.	Price
			Part No.			
white (250 V/6 A)	Code 1 L, N, PE	0.5	99.422.0000.8		400	



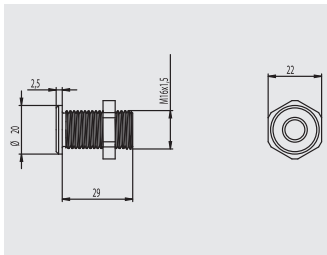
⊕ = GN/YE
N = BU
L = BN



Housing installation frame

for GST08i2 ... i3 female connectors including fixation screws

2 pole

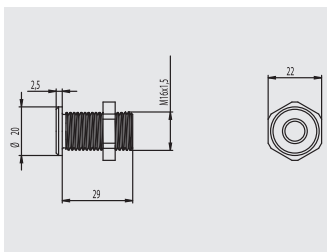


Installation frame		Part No.	P. U.	Price
		99.450.0000.0	6	

Housing installation frame for GST08i2



3 pole



Installation frame		Part No.	P. U.	Price
		99.451.0000.0		

Housing installation frame for GST08i3



Other cables, other lengths, other codings on request

Low-voltage technology draws attention!

The versatile **BST** system allows the pluggable installation even of signal applications. Mechanical coding and clear assignment with different colors facilitate the installation: green for KNX applications, black for general signal or LON applications, and blue for dimming or DALI functions.

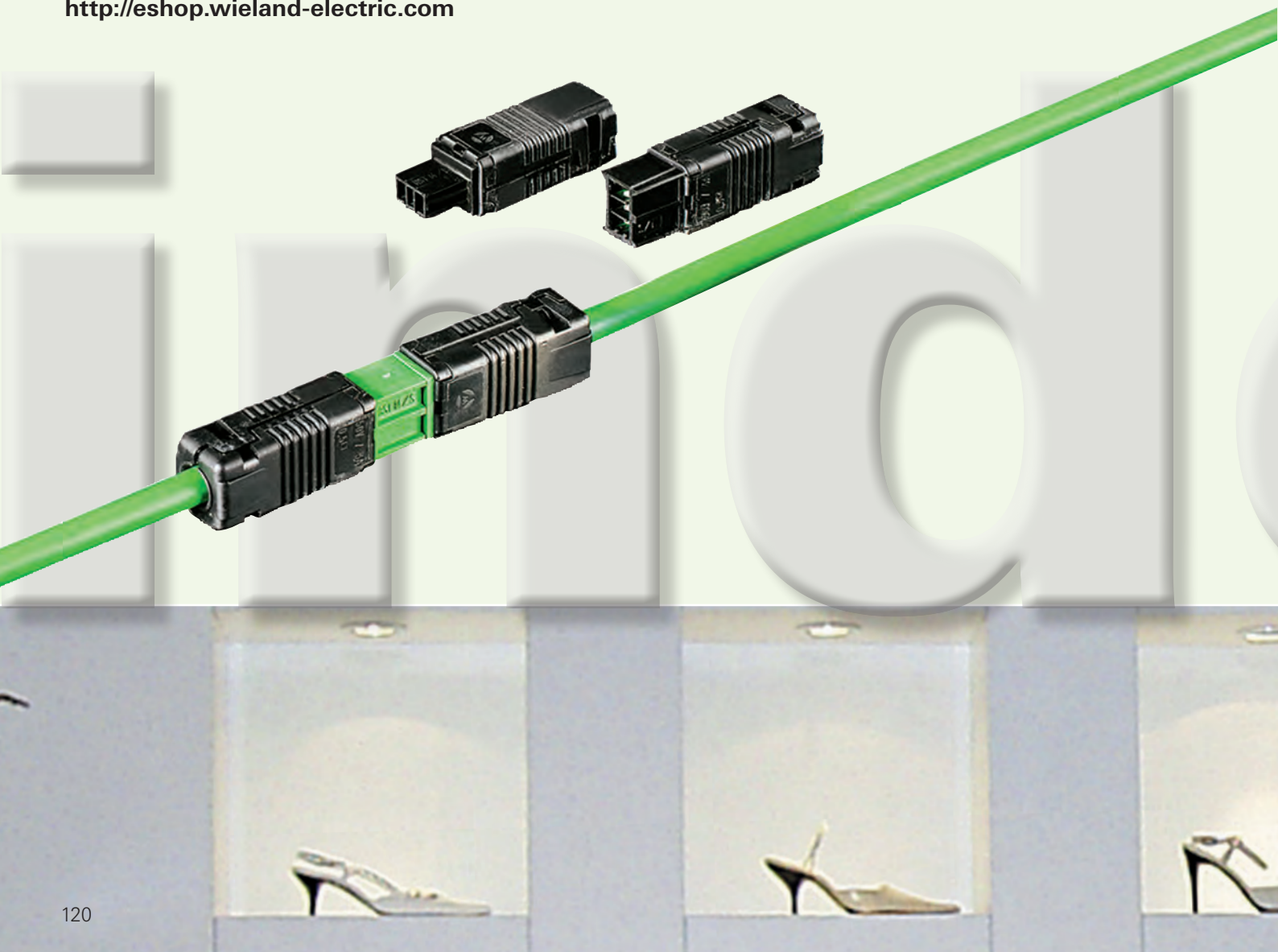
Complex installations can be completed with just four basic components – from the distribution panel unit to any point of use. Connectors can be assembled on site and serve, for instance, for the supply of the **gesis** system. The connectors come as male and female connectors complete with strain relief and can be used to connect any current type of cable.

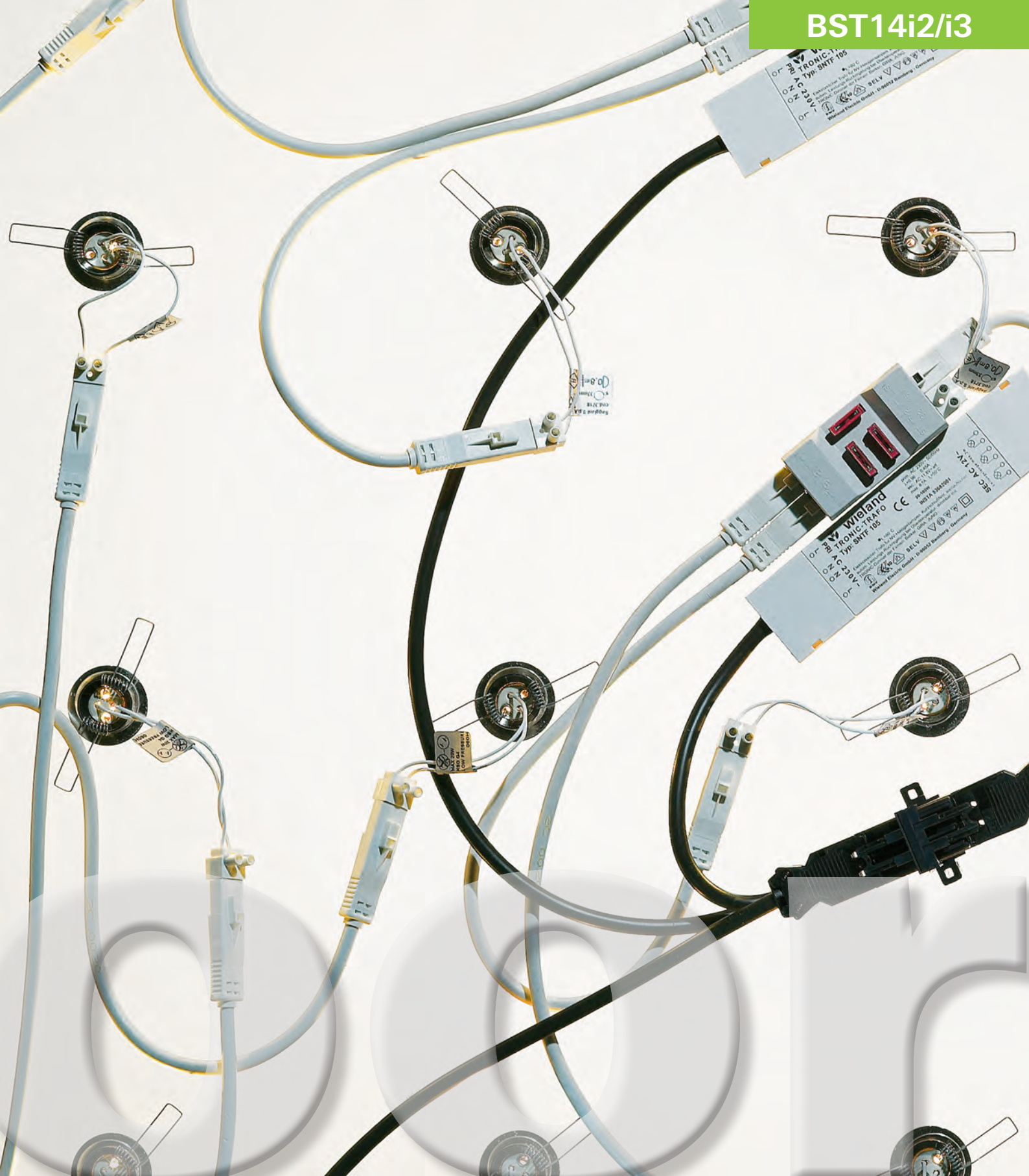
Light accents are a decisive factor in shop fitting – optimum results are achieved by low-voltage halogen installations with halogen spotlights. The **gesis** ST16/ST17 lines allow the implementation of the entire electrical installation in the low-voltage halogen range. The key feature of the system is its wide range of individual components, which make it versatile enough to fit any application. The connectors are mechanically coded, so that inadvertent mismatching with connectors of other product lines is ruled out. A pre-assembled electronic transformer allows the direct supply of energy from the **gesis** CON system by a plug contact.



More information

<http://eshop.wieland-electric.com>





Spring-loaded connectors



Wire cross-section solid:

0.25 – 0.75 mm²
without ferrules

Protection rating:

IP20

Approvals:



Spring clamp connection:

1 connection per pole
integrated, lockable

Strain relief:

Sheath strip length:

23 mm

Rated voltage:

50 V

Rated current:

3 A

Rated impulse voltage:

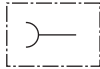
0.8 kV

Wire stripping length:

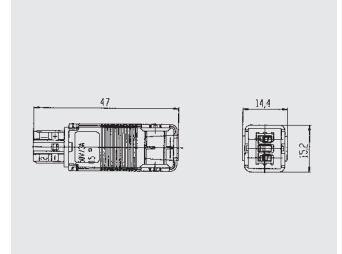
9 mm

2 pole, cable diameter 5.5 – 6.5 mm, unassembled

Female connector
BST14i2 F B1 Z R1



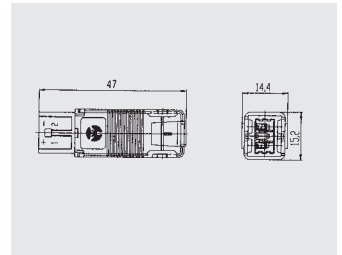
Color	Coding	Part No.	P.U.	Price
black/green	Code 1 1+, 2-	93.421.0553.1	50	
black/pastel blue	Code 2 1+, 2-	93.421.4553.1	50	



Male connector
BST14i2 F S1 Z R1

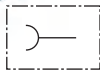


Color	Coding	Part No.	P.U.	Price
black/green	Code 1 1+, 2-	93.422.0553.1	50	
black/pastel blue	Code 2 1+, 2-	93.422.4553.1	50	

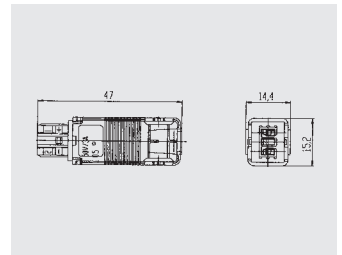


3 pole, cable diameter 5.5 – 6.5 mm, unassembled

Female connector
BST14i3 F B1 Z R1



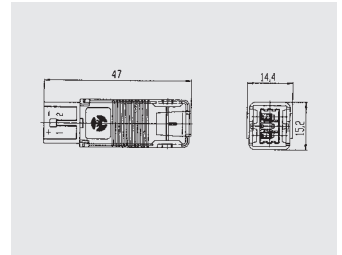
Color	Coding	Part No.	P.U.	Price
white/white	Code 3 1+, 2-	93.431.2553.0	50	
black/black	Code 3 1+, 2-	93.431.2553.1	50	



Male connector
BST14i3 F S1 Z R1



Color	Coding	Part No.	P.U.	Price
white/white	Code 3 1+, 2-	93.432.2553.0	50	
black/black	Code 3 1+, 2-	93.432.2553.1	50	



Snap-in, for assembly, with spring clamp connection



Wire cross-section
solid:

0.25 – 0.75 mm²
without ferrules

Protection rating:

IP20

Rated voltage:

50 V

Approvals:



Rated current:

3 A

Spring clamp connection:

1 connection per pole

Rated impulse voltage:

0.8 kV

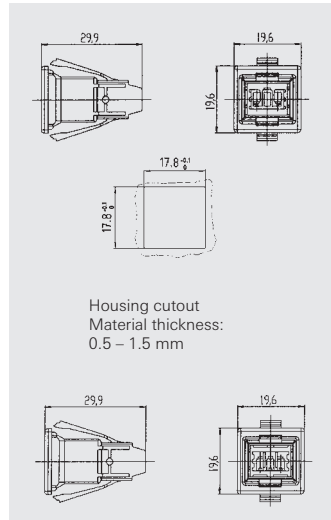
Locking device:

integrated

Wire stripping length:

9 mm

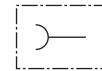
2 pole



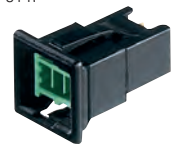
Color	Coding	Part No.	P.U.	Price
black/green	Code 1 1+, 2-	93.421.0353.1	100	
black/pastel blue	Code 2 1+, 2-	93.421.4353.1	100	

Color	Coding	Part No.	P.U.	Price
black/green	Code 1 1+, 2-	93.422.0353.1	100	
black/pastel blue	Code 2 1+, 2-	93.422.4353.1	100	

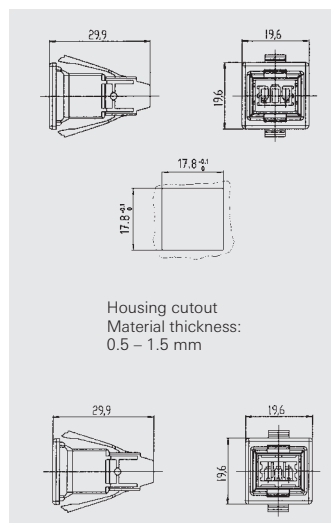
Female
connector
BST14i2 F B1 R



Male
connector
BST14i2 F S1 R



3 pole



Color	Coding	Part No.	P.U.	Price
white/white	Code 3 1+, 2-	93.431.2353.0	100	
black/black	Code 3 1+, 2-	93.431.2353.1	100	

Color	Coding	Part No.	P.U.	Price
white/white	Code 3 1+, 2-	93.432.2353.0	100	
black/black	Code 3 1+, 2-	93.432.2353.1	100	

Female connector
BST14i3 F B1 R



Male connector
BST14i3 F S1 R




BST14i2

BST14i3

Solder connectors, horizontal

Rated voltage: 50 V
 Rated current: 3 A
 Rated impulse voltage: 0.8 kV

Protection rating:
 Approvals:
 Locking device:
 Locating pins:
 Solder paste mask:

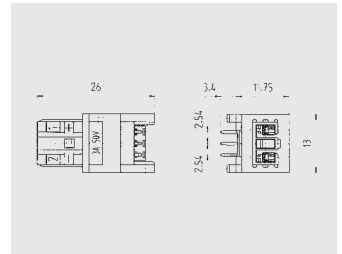
IP20
 integrated
 yes
 see Technical Data

2 pole

Female connector
 BST14i2 L B1



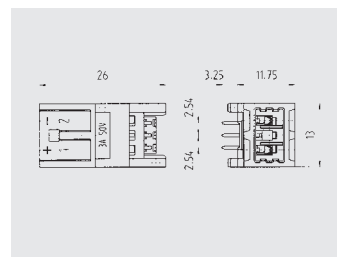
Color	Coding	Part No.	P.U.	Price
green	Code 1 1+, 2-	93.421.0653.1	100	
pastel blue	Code 2 1+, 2-	93.421.4653.1	100	



Male connector
 BST14i2 L S1



Color	Coding	Part No.	P.U.	Price
green	Code 1 1+, 2-	93.422.0653.1	100	
pastel blue	Code 2 1+, 2-	93.422.4653.1	100	

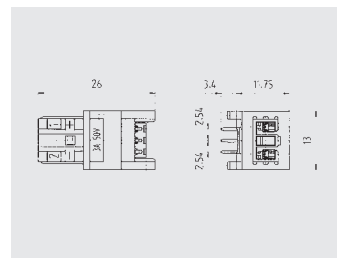


3 pole

Female connector
 BST14i3 L B1



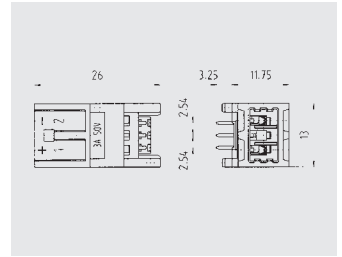
Color	Coding	Part No.	P.U.	Price
white	Code 3 1+, 2-	93.431.2653.0	50	
black	Code 3 1+, 2-	93.431.2653.1	50	



Male connector
 BST14i3 L S1




Color	Coding	Part No.	P.U.	Price
white	Code 3 1+, 2-	93.432.2653.0	100	
black	Code 3 1+, 2-	93.432.2653.1	100	

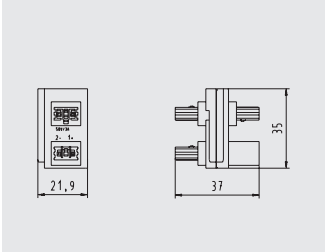


Distribution units

Rated voltage: 50 V
 Rated current: 3 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20

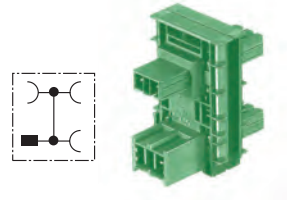
Approvals: 
 Locking device: integrated

2 pole without mounting option

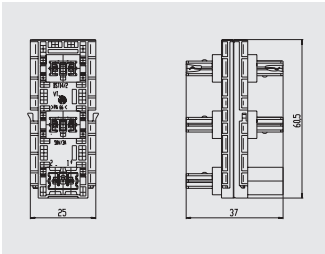


Color	Coding	Outputs	Part No.	P.U.	Price
green	Code 1	3	93.420.0453.0	50	

H distributor
 BST 14i2V 3P1

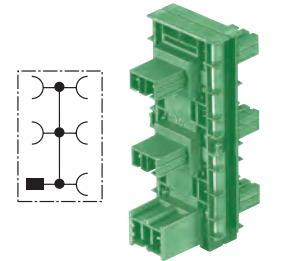


2 pole without mounting option

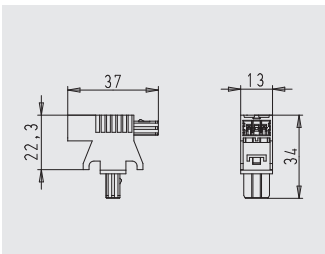


Color	Coding	Outputs	Part No.	P.U.	Price
green	Code 1	5	93.420.0053.0	50	

HH distributor
 BST 14i2V 5P1

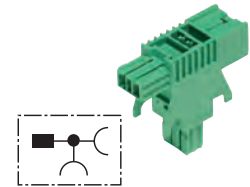


2 pole with mounting option

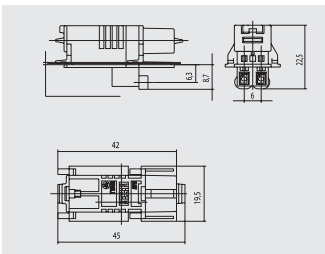


Color	Cod.	Outputs	Part No.	P.U.	Price
green	Code 1	2	93.420.0653.0	100	
pastel blue	Code 2	2	93.420.4653.0	100	

T distributor
 BST 14i2V 2P1 TV



2 pole with integrated connection terminal




Color	Coding	Outputs	Part No.	P.U.	Price
pastel blue	Code 2	1	93.420.4553.0	100	

TT distributor
 BST 14i2V 2P1 KR



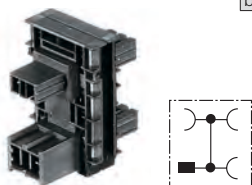
Distribution units

Rated voltage: 50 V
 Rated current: 3 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20

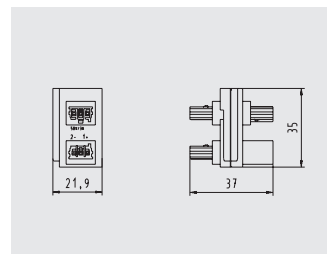
Approvals: 
 Locking device: integrated

3 pole without mounting option

H distributor
 BST 14i3V 3P1

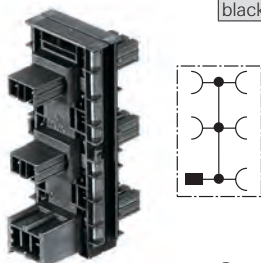


Color	Cod.	Outputs	Part No.	P.U.	Price
white	Code 3	3	93.430.2453.0	50	
black	Code 3	3	93.430.2453.1	50	

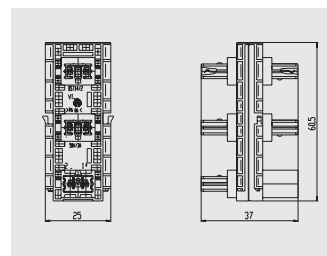


3 pole without mounting option

HH distributor
 BST 14i3V 5P1

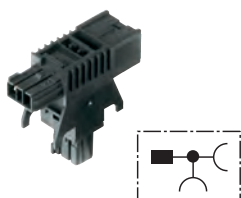


Color	Cod.	Outputs	Part No.	P.U.	Price
white	Code 3	5	93.430.2053.0	50	
black	Code 3	5	93.430.2053.1	50	

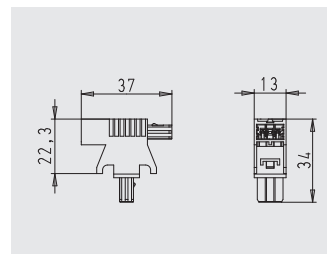


3 pole with mounting option

T distributor
 BST 14i3V 2P1 T

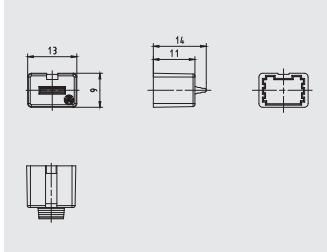


Color	Cod.	Outputs	Part No.	P.U.	Price
white	Code 3	2	93.430.2653.0	100	
black	Code 3	2	93.430.2653.1	100	



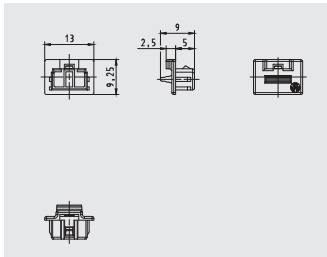
BST covers, sample kits

2/3 pole for covering open contacts



Color	Part No.	P.U.	Price
black	05.563.7753.0	100	

for female connectors
BST



Color	Part No.	P.U.	Price
black	05.563.7853.0	100	

for male connectors
BST



2 pole BST14i2

Part No.	P.U.	Price
gegis BST14i2	99.471.0000.0	1

BST14i2 sample kit



2/3 pole BST14i3

Part No.	P.U.	Price
gegis BST14i3	99.472.0000.0	1

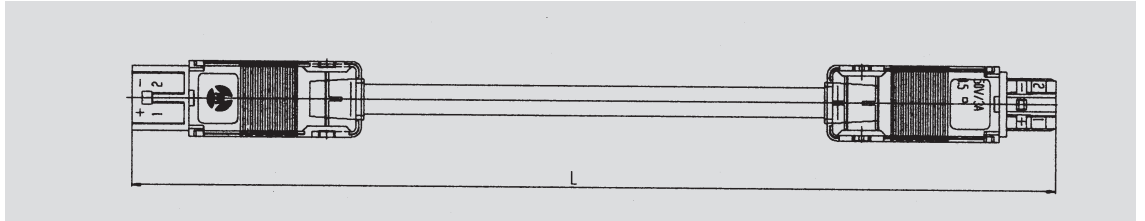
BST14i3 sample kit



Cable assemblies, 2 pole, 0.5 mm²

Rated voltage:	50 V	Sheath strip length:	20 mm
Rated current:	3 A	Wire stripping length:	8 mm
Rated impulse voltage:	0.8 kV	Approvals:	KEP
Protection rating:	IP20	Cable diameter:	6.1 mm
Cable material, FB-2Y(ST)2Y:	PVC, contains halogen	Locking device:	integrated
Cable material, FB-H(ST)H:	halogen-free		

Connecting cables female – male
KNX bus

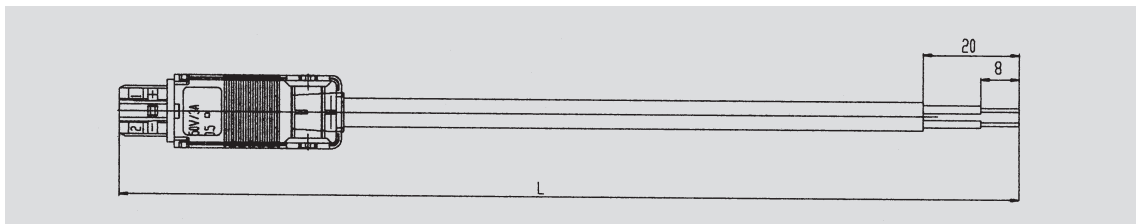


Cable green/coding		Cable FB-2Y(ST)2Y				Cable FB-H(ST)H			
Length m	Part No.	P.U.	Price	Part No.	P.U.	Price			
green	Code 1 1+, 2-	1.0	94.425.1000.7	100		94.425.1060.7	100		
		2.0	94.425.2000.7	50		94.425.2060.7	50		
		3.0	94.425.3000.7	30		94.425.3060.7	30		
		4.0	94.425.4000.7	30		94.425.4060.7	30		
		5.0	94.425.5000.7	20		94.425.5060.7	20		
		6.0	94.425.6000.7	20		94.425.6060.7	20		
		7.0	94.425.7000.7	15		94.425.7060.7	15		
		8.0	94.425.8000.7	15		94.425.8060.7	15		



1+ = RD
2- = BK

Connection cables female – free end
KNX bus



Cable green/coding		Cable FB-2Y(ST)2Y				Cable FB-H(ST)H			
Length m	Part No.	P.U.	Price	Part No.	P.U.	Price			
green	Code 1 1+, 2-	1.0	94.425.1003.7	100		94.425.1063.7	100		
		2.0	94.425.2003.7	50		94.425.2063.7	50		
		3.0	94.425.3003.7	30		94.425.3063.7	30		
		4.0	94.425.4003.7	30		94.425.4063.7	30		
		5.0	94.425.5003.7	20		94.425.5063.7	20		
		6.0	94.425.6003.7	20		94.425.6063.7	20		
		7.0	94.425.7003.7	15		94.425.7063.7	15		
		8.0	94.425.8003.7	15		94.425.8063.7	15		




1+ = RD
2- = BK

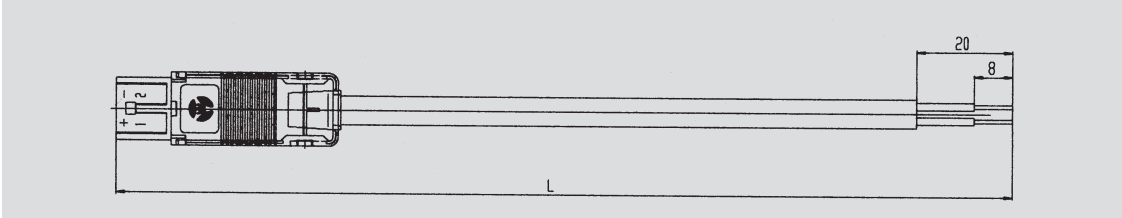
Other cables, other lengths, other codings on request



Cable assemblies, 2 pole, 0.5 mm²

Rated voltage:	50 V	Sheath strip length:	20 mm
Rated current:	3 A	Wire stripping length:	8 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	6.1 mm
Cable material, FB-2Y(ST)2Y:	PVC, contains halogen	Locking device:	integrated
Cable material, FB-H(ST)H:	halogen-free		

Connection cable male – free end
KNX bus



Cable green/coding		Cable FB-2Y(ST)2Y			Cable FB-H(ST)H			
		Length m	Part No.	P.U.	Price	Part No.	P.U.	Price
green	Code 1 1+, 2-	1.0	94.425.1004.7	100		94.425.1064.7	100	
		2.0	94.425.2004.7	50		94.425.2064.7	50	
		3.0	94.425.3004.7	30		94.425.3064.7	30	
		4.0	94.425.4004.7	30		94.425.4064.7	30	
		5.0	94.425.5004.7	20		94.425.5064.7	20	
		6.0	94.425.6004.7	20		94.425.6064.7	20	
		7.0	94.425.7004.7	15		94.425.7064.7	15	
		8.0	94.425.8004.7	15		94.425.8064.7	15	



1+ = RD
2- = BK

BST14i2

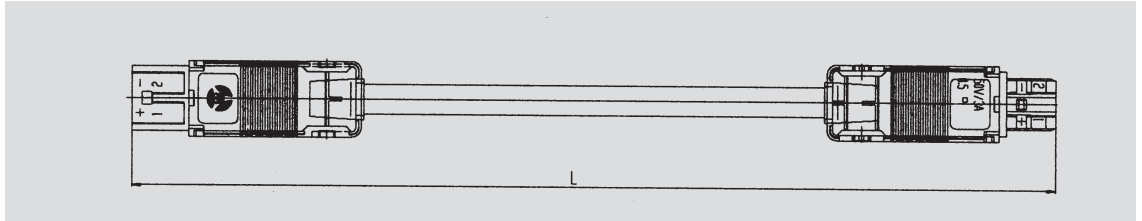


Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 0.5 mm²

Rated voltage:	50 V	Sheath strip length:	20 mm
Rated current:	3 A	Wire stripping length:	8 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	4.8 mm
Cable material, L03VV-U:	PVC, contains halogen	Locking device:	integrated
Cable material, L03Z1Z1-U:	halogen-free		

Connecting cables female – male

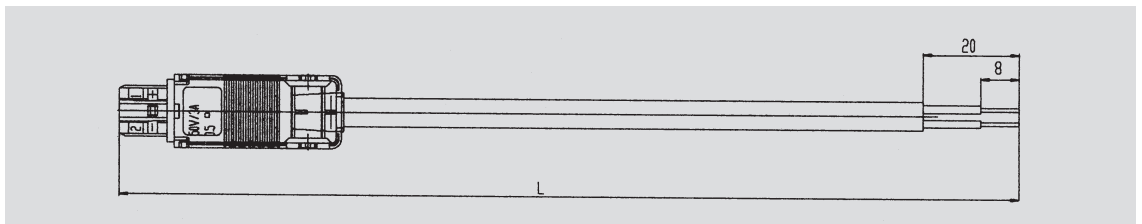


Cable black/coding		Cable L03VV-U				Cable L03Z1Z1-U			
		Length m	Part No.	P.U.	Price	Part No.	P.U.	Price	
pastel blue	Code 2 1+, 2-	1.0	94.425.1030.9	150		94.425.1090.9	150		
		2.0	94.425.2030.9	75		94.425.2090.9	75		
		3.0	94.425.3030.9	50		94.425.3090.9	50		
		4.0	94.425.4030.9	30		94.425.4090.9	30		
		5.0	94.425.5030.9	25		94.425.5090.9	25		
		6.0	94.425.6030.9	25		94.425.6090.9	25		
		7.0	94.425.7030.9	20		94.425.7090.9	20		
		8.0	94.425.8030.9	20		94.425.8090.9	20		



1+ = RD
2- = BK

Connection cables female – free end



Cable black/coding		Cable L03VV-U				Cable L03Z1Z1-U			
		Length m	Part No.	P.U.	Price	Part No.	P.U.	Price	
pastel blue	Code 2 1+, 2-	1.0	94.425.1033.9	150		94.425.1093.9	150		
		2.0	94.425.2033.9	75		94.425.2093.9	75		
		3.0	94.425.3033.9	50		94.425.3093.9	50		
		4.0	94.425.4033.9	30		94.425.4093.9	30		
		5.0	94.425.5033.9	25		94.425.5093.9	25		
		6.0	94.425.6033.9	25		94.425.6093.9	25		
		7.0	94.425.7033.9	20		94.425.7093.9	20		
		8.0	94.425.8033.9	20		94.425.8093.9	20		



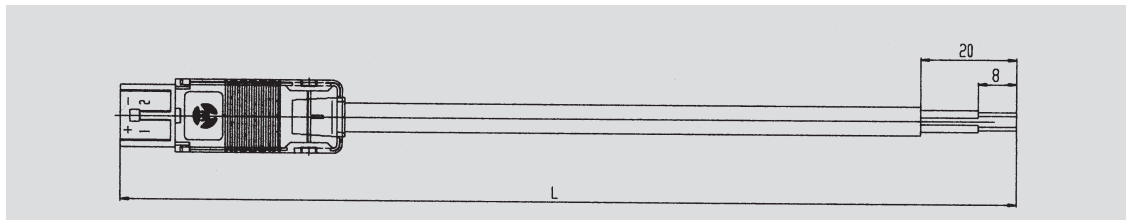
1+ = RD
2- = BK



Cable assemblies, 2 pole, 0.5 mm²

Rated voltage:	50 V	Sheath strip length:	20 mm
Rated current:	3 A	Wire stripping length:	8 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	4.8 mm
Cable material, L03VV-U:	PVC, contains halogen	Locking device:	integrated
Cable material, L03Z1Z1-U:	halogen-free		

Connection cable male – free end



Cable black/coding		Length m	Cable L03VV-U			Cable L03Z1Z1-U		
			Part No.	P.U.	Price	Part No.	P.U.	Price
pastel blue	Code 2 1+, 2-	1.0	94.425.1034.9	150		94.425.1094.9	150	
		2.0	94.425.2034.9	75		94.425.2094.9	75	
		3.0	94.425.3034.9	50		94.425.3094.9	50	
		4.0	94.425.4034.9	30		94.425.4094.9	30	
		5.0	94.425.5034.9	25		94.425.5094.9	25	
		6.0	94.425.6034.9	25		94.425.6094.9	25	
		7.0	94.425.7034.9	20		94.425.7094.9	20	
		8.0	94.425.8034.9	20		94.425.8094.9	20	



1+ = RD
2- = BK



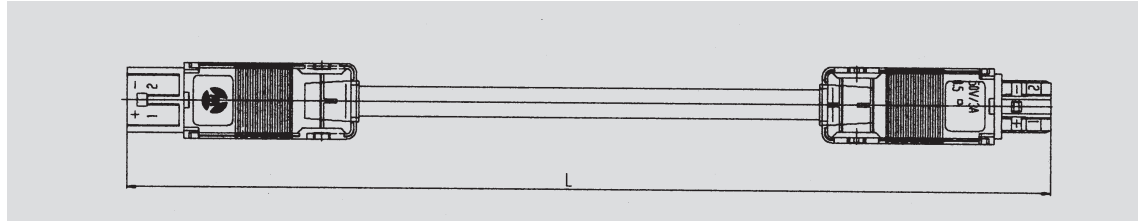
Cable assemblies, 2 pole + screen, 0.5 mm²

Rated voltage:	50 V	Sheath strip length:	20 mm
Rated current:	3 A	Wire stripping length:	8 mm
Rated impulse voltage:	0.8 kV	Approvals:	KECP
Protection rating:	IP20	Cable diameter:	6.1 mm
Cable material, FB-2Y(ST)2Y:	PVC, contains halogen	Locking device:	integrated
Cable material, FB-H(ST)2x2x0.8:	halogen-free		

Connecting cables female – male
Control signal



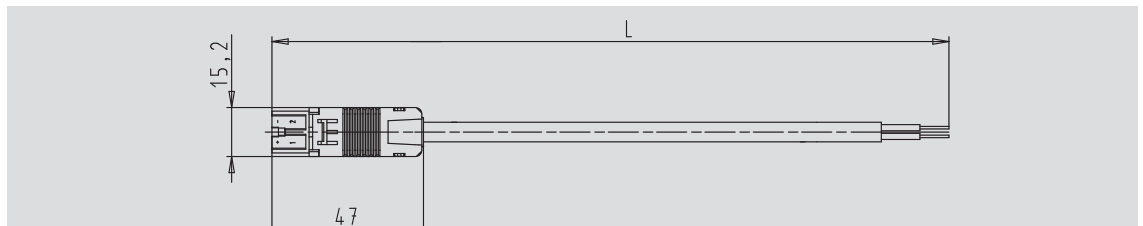
1+ = RD
2- = BK
Screen = center contact



Cable FB-2Y(ST)2Y				Cable FB-H(ST)2x2x0.8			
Cable gray/coding	Length m	Part No.	P.U.	Price	Part No.	P.U.	Price
white	Code 3 1+, 2-	1.0	94.435.1000.2		94.435.1060.2		
		2.0	94.435.2000.2	50	94.435.2060.2		
		3.0	94.435.3000.2	30	94.435.3060.2		
		4.0	94.435.4000.2	30	94.435.4060.2		
		5.0	94.435.5000.2	25	94.435.5060.2		
		6.0	94.435.6000.2		94.435.6060.2		
		7.0	94.435.7000.2	15	94.435.7060.2		
		8.0	94.435.8000.2	15	94.435.8060.2		

Cable FB-2Y(ST)2Y				Cable FB-H(ST)2x2x0.8			
Cable color gray/coding	Length m	Part No.	P.U.	Price	Part No.	P.U.	Price
black	Code 3 1+, 2-	1.0	94.435.1000.1	100	94.435.1060.1	100	
		2.0	94.435.2000.1	50	94.435.2060.1	50	
		3.0	94.435.3000.1	30	94.435.3060.1	30	
		4.0	94.435.4000.1	30	94.435.4060.1	30	
		5.0	94.435.5000.1	20	94.435.5060.1	20	
		6.0	94.435.6000.1	20	94.435.6060.1	20	
		7.0	94.435.7000.1	15	94.435.7060.1	15	
		8.0	94.435.8000.1	15	94.435.8060.1	15	

Connection cables female – free end
Control signal




Cable FB-2Y(ST)2Y				Cable FB-H(ST)2x2x0.8			
Cable gray/coding	Length m	Part No.	P.U.	Price	Part No.	P.U.	Price
black	Code 3 1+, 2-	1.0	94.435.1003.1	100			
		2.0	94.435.2003.1	50			
		3.0	94.435.3003.1	30			
		4.0	94.435.4003.1	30			
		5.0	94.435.5003.1	20			
		6.0	94.435.6003.1	20			
		7.0	94.435.7003.1	15			
		8.0	94.435.8003.1	15			



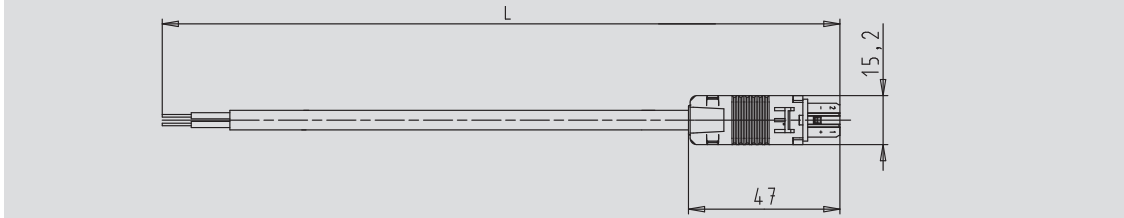
1+ = RD
2- = BK
Screen = center contact



Cable assemblies, 2 pole + screen, 0.5 mm²

Rated voltage:	50 V	Sheath strip length:	20 mm
Rated current:	3 A	Wire stripping length:	8 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	6.1 mm
Cable material, FB-2Y(ST)2Y:	PVC, contains halogen	Locking device:	integrated
Cable material, FB-H(ST)2x2x0.8:	halogen-free		

Connection cable male – free end
Control signal



		Cable FB-2Y(ST)2Y				Cable FB-H(ST)2x2x0.8			
Cable gray/coding		Length m	Part No.	P.U.	Price	Part No.	P.U.	Price	
black	Code 3 1+, 2-	1.0	94.435.1004.1	100		94.435.1064.1	100		
		2.0	94.435.2004.1	50		94.435.2064.1	50		
		3.0	94.435.3004.1	30		94.435.3064.1	30		
		4.0	94.435.4004.1	30		94.435.4064.1	30		
		5.0	94.435.5004.1	20					
		6.0	94.435.6004.1	20		94.435.6064.1	20		
		7.0	94.435.7004.1	15					
		8.0	94.435.8004.1	15		94.435.8064.1	15		



1+ = RD
2- = BK
Screen = center contact



Screw connectors, electronic transformers



Fine-stranded wire cross-section: 0.5 – 2.5 mm²
 Rated voltage: 48 V
 Rated current: 25 A
 Rated impulse voltage: 4 kV

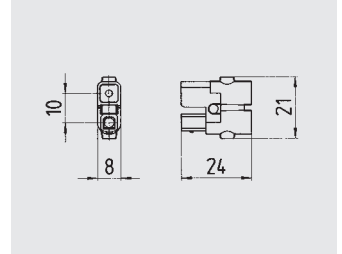
Approvals:
 Configuration:
 Screw connection:
 Locking device:

hermaphroditic
 1 connection per pole, without ferrule
 integrated

2 pole, low-voltage halogen

Female/male
 ST16/2 BS

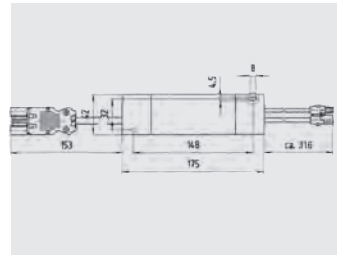
Color	Coding	Part No.	P.U.	Price
white	Code 1	93.016.0053.0	100	



2 pole, connections pluggable

Electronic transformer

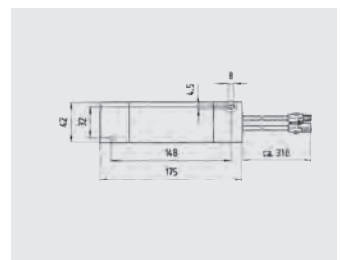
Color	Coding	Part No.	P.U.	Price
white	Code 1	99.449.9999.9	20	



2 pole, connections clampable, screw connection

Electronic transformer

Color	Coding	Part No.	P.U.	Price
white	Code 1	99.401.9999.9	20	




Rated voltage: 230 V AC 50/60 Hz
 Rated current: 0.45 A
 Power range: 35 – 105 W

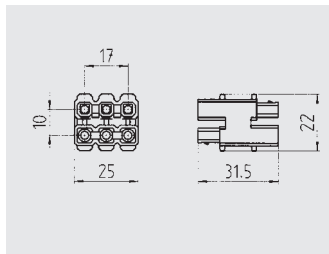
ST16

Distribution units

Rated voltage: 48 V
Rated current: 25 A
Rated impulse voltage: 0.8 kV

Approvals: 
Locking device: **integrated**

2 pole




Color	Cod.	Outputs	Part No.	P.U.	Price
white	Code 1	5	93.010.0153.0	100	

Distribution block
ST 16/2 VT 5/1 P

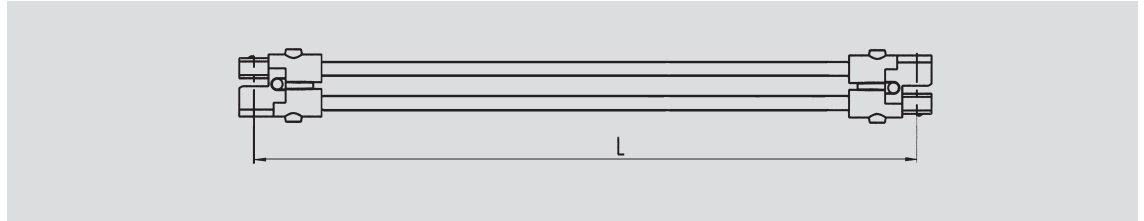


ST16

Cable assemblies, 2 pole, 2.5 mm²

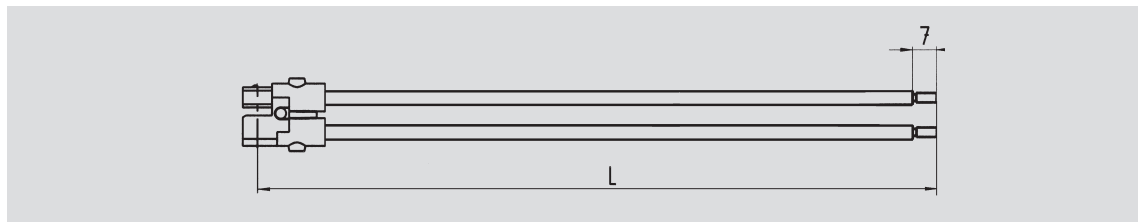
Rated voltage:	48 V	Sheath strip length:	7 mm
Rated current:	25 A	Wire stripping length:	7 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Cable material, H07G:	halogen-free	Cable diameter:	4 mm
		Locking device:	integrated

Connecting cables female – male



Cable H07G					
Cable white/coding		Length m	Part No.	P.U.	Price
white	Code 1	0.35	94.623.0031.2	250	
		0.60	94.623.0631.2	200	
		1.20	94.623.1231.2	100	
		1.80	94.623.1831.2	75	
		2.40	94.623.2431.2	50	


Connection cables plug connector – free end
Wire ends with ferrules



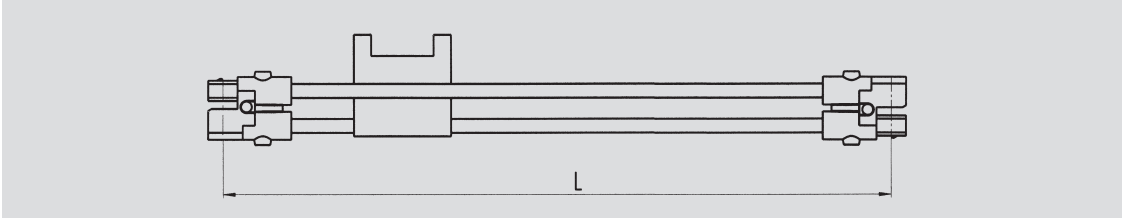
Cable H07G					
Cable white/coding		Length m	Part No. H07G	P.U.	Price
white	Code 1	0.35	94.623.0032.2	250	
		0.60	94.623.0632.2	200	
		1.20	94.623.1232.2	100	
		1.80	94.623.1832.2	75	
		2.40	94.623.2432.2	50	

Cable assemblies, 2 pole, 2.5 mm²

Rated voltage: 48 V
 Rated current: 25 A
 Rated impulse voltage: 0.8 kV
 Cable material, H07G: halogen-free

Sheath strip length: 7 mm
 Wire stripping length: 7 mm
 Approvals: 
 Cable diameter: 4 mm
 Locking device: integrated

Connecting cables female – male
 with fuse holder

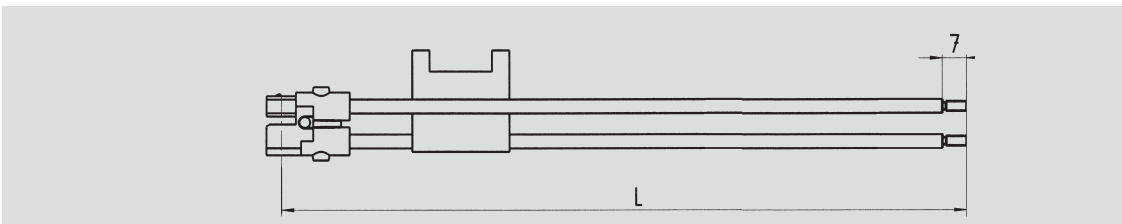


Cable **H07G**

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	0.35	94.603.0031.2	250	
		0.60	94.603.0631.2	200	
		1.20	94.603.1231.2	100	
		1.80	94.603.1831.2	75	
		2.40	94.603.2431.2	50	



Connection cables plug connector – free end
 Wire ends with ferrules



Cable **H07G**

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	1.20	94.603.1232.2	100	
		1.80	94.603.1832.2	75	



Screw connectors



Wire cross-section
solid/fine-stranded:
Rated voltage:
Rated current:
Rated impulse voltage:

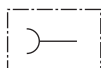
0.75 – 6.0 mm²
50 V
16 A
4 kV

Protection rating:
Approvals:
Screw connection:
Locking device:

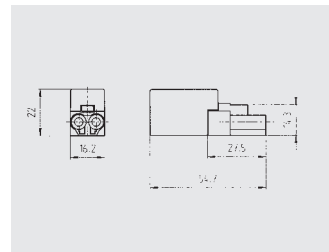
IP20
 1 connection per pole, without ferrule integrated

2 pole, cable diameter 5.5 – 7.0 mm (2,5 mm²), unassembled

Female connector
ST17/2 B1 ZE V1



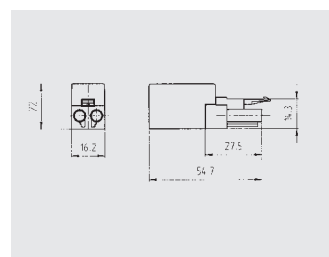
Color	Coding	Part No.	P.U.	Price
white	Code 1	93.941.0558.0	100	
black	Code 1	93.941.0558.1	100	



Male connector
ST17/2 S ZE V1

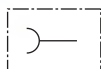


Color	Coding	Part No.	P.U.	Price
white	Code 1	93.942.0558.0	100	
black	Code 1	93.942.0558.1	100	

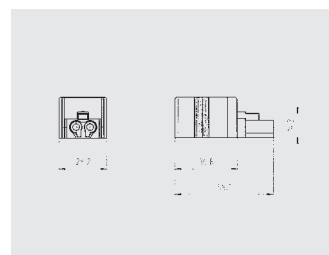


2 pole, cable diameter 11.5 – 13.5 mm (6 mm²), unassembled

Female connector
ST17/2 B1 QZE V1



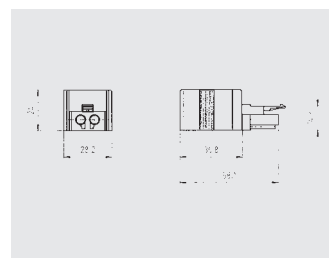
Color	Coding	Part No.	P.U.	Price
white	Code 1	93.941.4158.0	100	
black	Code 1	93.941.4158.0	100	



Male connector
ST17/2 S QZE V1



Color	Coding	Part No.	P.U.	Price
white	Code 1	93.942.4158.0	100	
black	Code 1	93.942.4158.1	100	




ST17

Snap-in with spring clamp connection

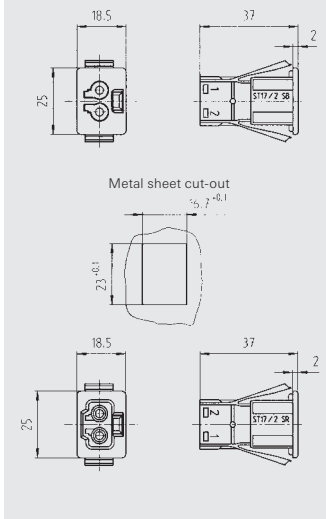


Solid wire cross-section: 0.5 – 2.5 mm²
 Fine-stranded wire cross-section: 1.5 mm²
 with ferrules
 Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV

Protection rating: IP20
 Approvals:
 Spring clamp connection:
 Locking device for flying leads:

2 connections per pole

 2 connections per pole
 see Accessories

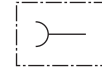
2 pole, housing material thickness 0.5 – 1.5 mm



Color	Coding	Part No.	P.U.	Price
white	Code 1	93.041.0258.0	100	
black	Code 1	93.041.0253.0	100	

Color	Coding	Part No.	P.U.	Price
white	Code 1	93.042.0258.0	100	
black	Code 1	93.042.0253.0	100	

Female connector
 ST17/2 BR



Male connector
 ST17/2 SR




ST17

Solder connectors, horizontal – electronic transformer

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20

Approvals:
 Locating pins:
 Locking device:
 Solder fixation in PC board:

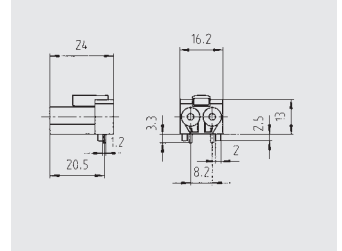
 **yes**
integrated
 for solder paste mask see Technical Data

2 pole solder pin length = 3.3 mm

Female connector
 ST17/2 BF V1



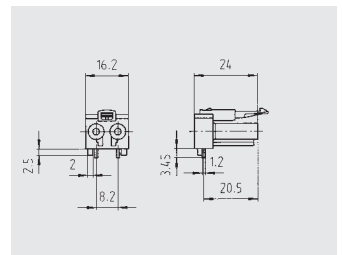
Color	Coding	Part No.	P.U.	Price
white	Code 1	93.081.1558.0	100	
black	Code 1	93.081.1558.1	100	



Male connector
 ST17/2 SF V1



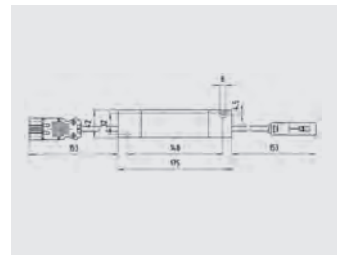
Color	Coding	Part No.	P.U.	Price
white	Code 1	93.082.1558.0	100	
black	Code 1	93.082.1558.1	100	



2 pole connections pluggable

Electronic transformer

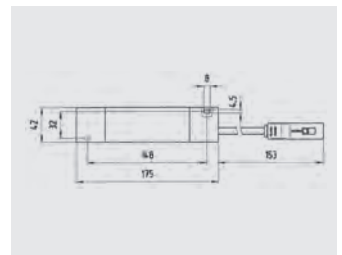
Color	Coding	Part No.	P.U.	Price
white	Code 1	99.449.9999.9	20	




2 pole

Electronic transformer

Color	Coding	Part No.	P.U.	Price
white	Code 1	99.401.9999.9	20	




Rated voltage: 230 V AC 50/60 Hz
 Rated current: 0.45 A
 Power range: 35 – 105 W
 Approvals:  **4 mm**
 Cable diameter:

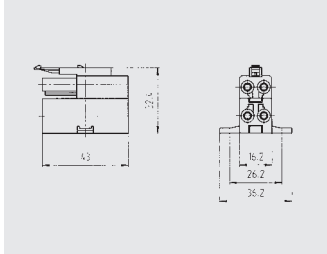
ST17

Distribution units

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20

Approvals: 
 Locking device: integrated

2 pole with mounting option

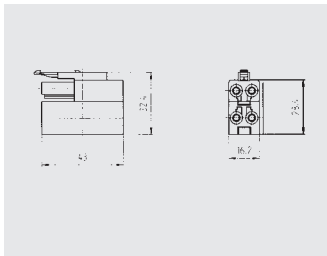


Color	Coding	Outputs	Part No.	P.U.	Price
white	Code 1	3	93.040.1253.0	100	
black	Code 1	3	93.040.1253.1	100	

H distributor
ST 17/2 VT 3/1 F



2 pole without mounting option

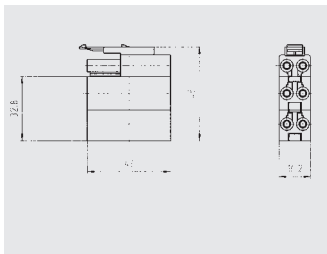


Color	Coding	Outputs	Part No.	P.U.	Price
white	Code 1	3	93.040.1353.0	100	
black	Code 1	3	93.040.1353.1	100	

H distributor
ST 17/2 VT 3/1

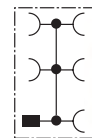


2 pole with mounting option

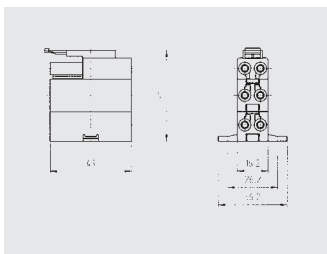


Color	Coding	Outputs	Part No.	P.U.	Price
white	Code 1	5	93.040.1053.0	100	
black	Code 1	5	93.040.1053.1	100	

HH distributor
ST17/2 VT 5/1 F

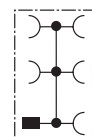


2 pole without mounting option

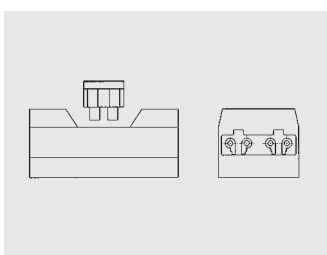


Color	Coding	Outputs	Part No.	P.U.	Price
white	Code 1	5	93.040.1153.0	100	
black	Code 1	5	93.040.1153.1	100	

HH distributor
ST17/2 VT 5/1

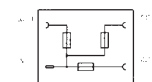


2 pole with integrated fuse holders (without fuses)



Color	Coding	Outputs	Part No.	P.U.	Price
white	Code 1	5	93.040.2050.0	10	

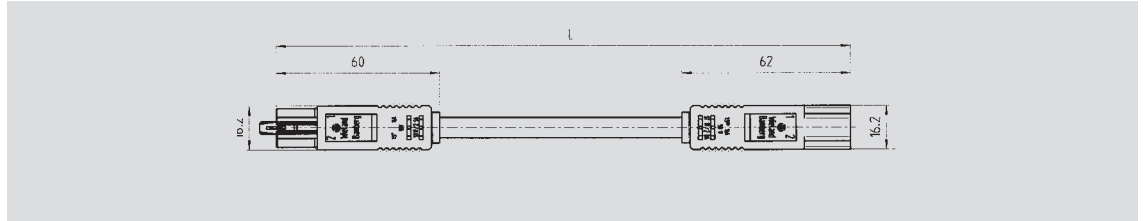
Distribution box
ST17/2 VT 3/1 SI



Cable assemblies, 2 pole, 1.5 mm²

Rated voltage:	50 V	Sheath strip length:	36 mm
Rated current:	16 A	Wire stripping length:	7 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	7.5 mm
Cable material, H05VV-F:	PVC, contains halogen	Locking device:	integrated

Connecting cables female – male



Cable H05VV-F

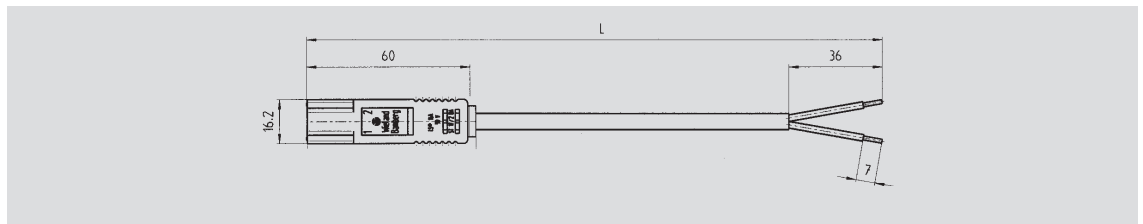
Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1	0.5	94.122.0500.1	150	
		0.8	94.122.0800.1	150	
		1.0	94.122.1000.1	100	
		1.5	94.122.1500.1	75	
		2.0	94.122.2000.1	50	
		2.5	94.122.2500.1	25	
		3.0	94.122.3000.1	25	
		3.5	94.122.3500.1	25	
		4.0	94.122.4000.1	25	
		5.0	94.122.5000.1	20	
6.0	94.122.6000.1	20			
7.0	94.122.7000.1	10			

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	0.5	94.122.0500.2	150	
		1.0	94.122.1000.2	100	
		1.5	94.122.1500.2	75	
		2.0	94.122.2000.2	50	
		3.0	94.122.3000.2	25	
		4.0	94.122.4000.2	25	



2 = BU
1 = BN

Connection cables female – free end
Wire ends with ferrules



Cable H05VV-F

Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1	0.2	94.122.0203.1	250	
		0.3	94.122.0303.1	200	
		0.5	94.122.0503.1	150	
		1.0	94.122.1003.1	100	
		1.5	94.122.1503.1	75	
		2.0	94.122.2003.1	50	
		2.5	94.122.2503.1	50	
		3.0	94.122.3003.1	25	
		4.0	94.122.4003.1	25	
		6.0	94.122.6003.1	20	
7.0	94.122.7003.1	15			

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	0.2	94.122.0203.2	250	
		0.3	94.122.0303.2	250	
		0.5	94.122.0503.2	150	
		1.0	94.122.1003.2	100	
		2.0	94.122.2003.2	50	
		3.0	94.122.3003.2	25	




2 = BU
1 = BN

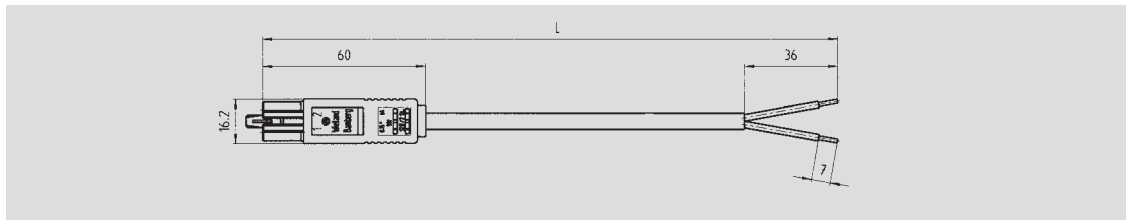
Other cables, other lengths, other codings on request



Cable assemblies, 2 pole, 1.5 mm²

Rated voltage:	50 V	Sheath strip length:	36 mm
Rated current:	16 A	Wire stripping length:	7 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	7.5 mm
Cable material, H05VV-F:	PVC, contains halogen	Locking device:	integrated

Connection cable male – free end
Wire ends with ferrules



Cable **H05VV-F**

Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1	0.3	94.122.0304.1	200	
		0.5	94.122.0504.1	150	
		1.0	94.122.1004.1	100	
		1.5	94.122.1504.1	75	
		2.0	94.122.2004.1	50	
		2.5	94.122.2504.1	50	
		3.0	94.122.3004.1	25	
		4.0	94.122.4004.1	25	
		6.0	94.122.6004.1	20	
8.0	94.122.8004.1	10			




2 = BU
1 = BN

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	0.5	94.122.0504.2	150	
		1.0	94.122.1004.2	100	
		1.5	94.122.1504.2	75	
		2.0	94.122.2004.2	50	
		2.5	94.122.2504.2	50	
		3.0	94.122.3004.2	25	
		4.0	94.122.4004.2	25	
		5.0	94.122.5004.2	25	
		8.0	94.122.8004.2	10	

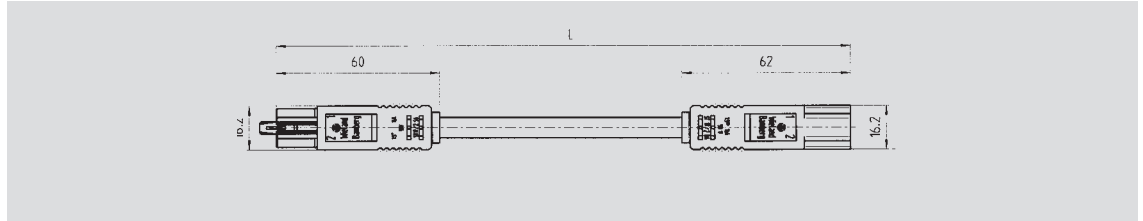


Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 2.5 mm²

Rated voltage:	50 V	Sheath strip length:	36 mm
Rated current:	16 A	Wire stripping length:	7 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	8.1 mm
Cable material, H05VV-F:	PVC, contains halogen	Locking device:	integrated

Connecting cables female – male



Cable H05VV-F

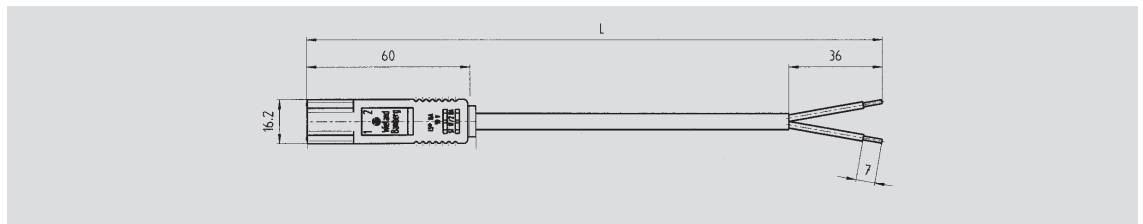
Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1	0.5	94.123.0500.1	150	
		1.0	94.123.1000.1	150	
		1.5	94.123.1500.1	75	
		2.0	94.123.2000.1	50	
		2.5	94.123.2500.1	30	
		3.0	94.123.3000.1	25	
		4.0	94.123.4000.1	25	
6.0	94.123.6000.1	20			

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	0.5	94.123.0500.2	150	
		1.0	94.123.1000.2	100	
		1.5	94.123.1500.2	75	
		2.0	94.123.2000.2	50	
		3.0	94.123.3000.2	25	
		4.0	94.123.4000.2	25	



2 = BU
1 = BN

Connection cables female – free end
Wire ends with ferrules



Cable H05VV-F


Cable black/coding	Length m	Part No. H05VV-F	P.U.	Price	
black	Code 1	0.5	94.123.0503.1	150	
		1.0	94.123.1003.1	100	
		1.5	94.123.1503.1	75	
		2.0	94.123.2003.1	50	
		2.5	94.123.2503.1	50	
		4.0	94.123.4003.1	25	



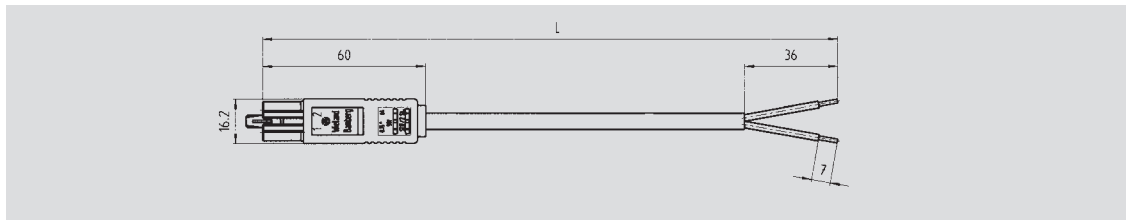
2 = BU
1 = BN

Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 2.5 mm²

Rated voltage:	50 V	Sheath strip length:	36 mm
Rated current:	16 A	Wire stripping length:	7 mm
Rated impulse voltage:	0.8 kV	Approvals:	
Protection rating:	IP20	Cable diameter:	8.1 mm
Cable material, H05VV-F:	PVC, contains halogen	Locking device:	integrated

Connection cable male – free end
Wire ends with ferrules



Cable **H05VV-F**

Cable black/coding	Length m	Part No.	P.U.	Price
black	0.5	94.123.0504.1	150	
	1.0	94.123.1004.1	100	
	2.0	94.123.2004.1	50	
	4.0	94.123.4004.1	25	

Cable white/coding	Length m	Part No.	P.U.	Price
white	0.5	94.123.0504.2	150	
	2.0	94.123.2004.2	50	
	2.5	94.123.2504.2	50	
	4.0	94.123.4004.2	25	



2 = BU
1 = BN



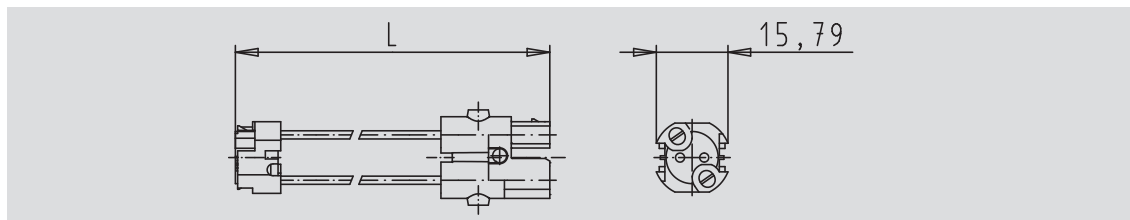
Other cables, other lengths, other codings on request

Cable assemblies with low-voltage halogen base

ST16
 Rated voltage: 48 V
 Rated current: 25 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H07G: halogen-free, silicone
 Cable diameter: 4 mm
 Locking device: integrated

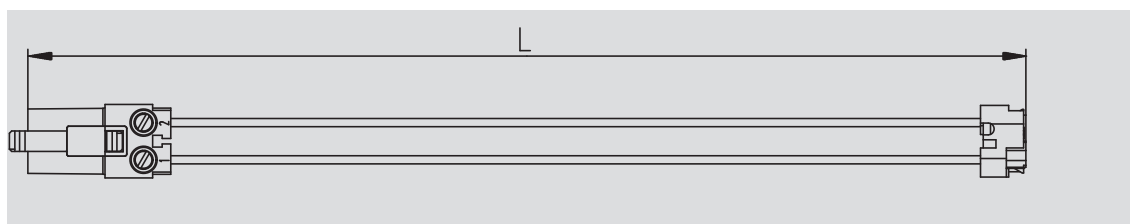
ST17
 Rated voltage: 48 V
 Rated current: 6 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05S-K: halogen-free
 Cable diameter: 2.45 mm
 Locking device: integrated

ST16 connection cable female – male
 with low-voltage halogen base GX 5.3



Cable H07G					
Cable white/coding		Length m	Part No.	P.U.	Price
white	Code 1	0.1	99.460.9999.9	300	
		0.3	99.461.9999.9	100	
		1.0	99.464.9999.9	50	
		1.2	99.465.9999.9	50	
		2.0	99.469.9999.9	25	

ST17 connection cable female – male
 with low-voltage halogen base GX 5.3



Cable H05S-K					
Cable white/coding		Length m	Part No.	P.U.	Price
white	Code 1	0.1	99.470.9999.9	250	
		1.0	99.474.9999.9	100	
		1.6	99.477.9999.9	5	
		2.0	99.479.9999.9	25	


Intermediate coupling, covers

Blade-type fuse, type C

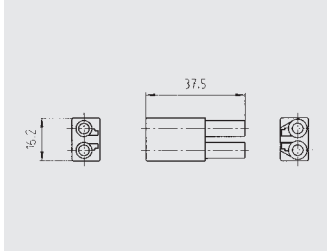
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

50 V
16 A
0.8 kV
IP20, IP40 when plugged

Approvals:
Locking device:

 integrated

2 pole, intermediate coupling

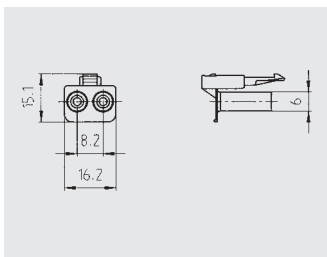


Color	Coding	Output	Part No.	P.U.	Price
white	Code 1	1	93.040.0258.0	100	

Intermediate coupling
ST17/2 ZK 1/1



2 pole, cover for covering open contacts

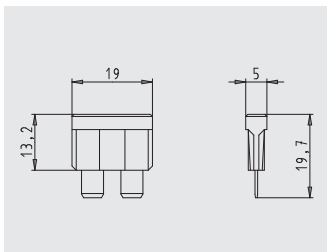


Color	Coding	Output	Part No.	P.U.	Price
white	Code 1		Z5.586.4653.0	200	
black	Code 1		Z5.586.4653.1	200	

Cover for female connectors



Fuse type C according to DIN 72581 part 3, for distribution block





Color	Coding	Output	Part No.	P.U.	Price
purple		3.0 A 35 W	Z8.000.0175.5	25	
light brown		5.0 A 50 W	Z8.000.0175.7	25	
red		10.0 A 100 W	Z8.000.0175.9	25	
light blue		15.0 A 150 W	Z8.000.0176.0	25	

PC board connectors



Fine-stranded wire cross-section: 0.22 – 0.35 mm²
 Rated voltage: 32 V
 Rated current: 3.0 A
 Dielectric strength: 1.4 kV

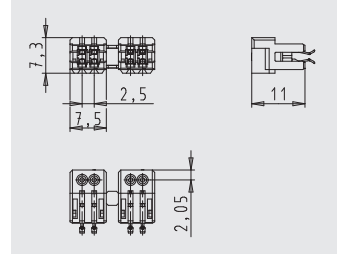
Approvals: 
 Distribution unit, configuration:  on PC board

LST03i2

2 pole

Female connector

Color	Coding	Coding bridge	Part No.	P.U.	Price
white	Code 1	without	93.572.0053.0	100	
white	Code 1	with	93.572.0153.0	100	

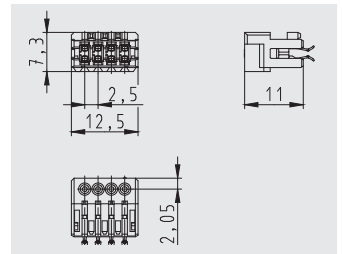
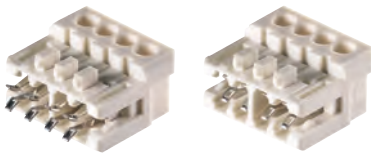


LST03i4

4 pole

Female connector

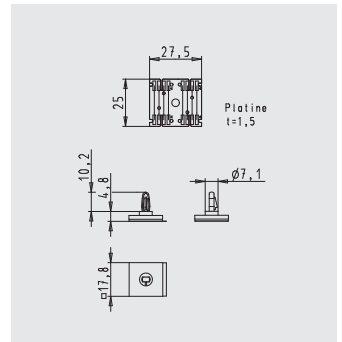
Color	Coding	Coding bridge	Part No.	P.U.	Price
white	Code 1	without	93.574.0053.0	100	
white	Code 1	with	93.574.0153.0		



4 pole PCB distributor

PCB distributor

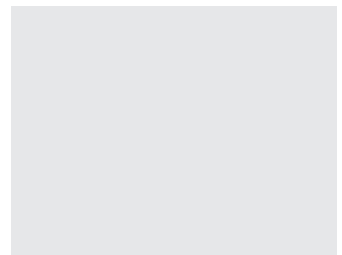
Color	Coding	Part No.	P.U.	Price
white	Code 1	Z6.560.5353.0	50	



2/4 pole

Assembly tool

Color	Coding	Part No.	P.U.	Price
Assembly tool		95.101.2400.0	1	




Accessories

Preassembled connectors available on request

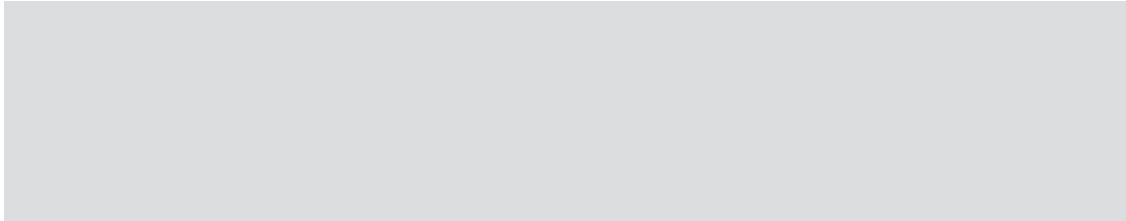
Cable assemblies

Fine-stranded wire cross-section: 0.22 – 0.35 mm²
 as per customer specifications
 Rated voltage: 32 V
 Rated current: 3.0 A
 Rated impulse voltage: 1.4 kV

Approvals:
 Delivery:

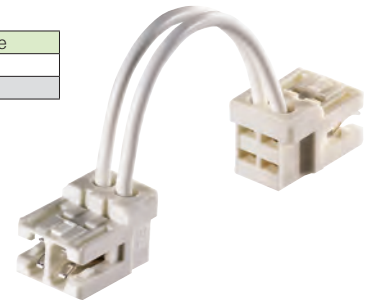
 **UL**
 cable sets

Extension cables, plug connectors

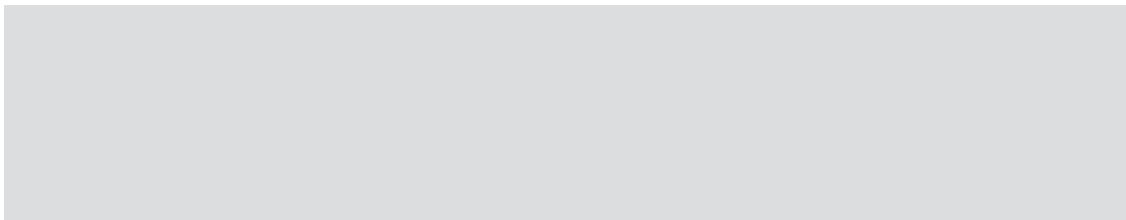


2 pole

Cable white/coding	Length m	Part No.	P.U.	Price	Part No.	P.U.	Price
white	Code 1	on request					

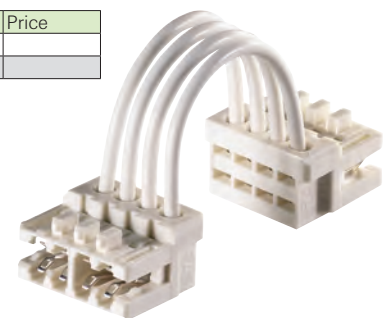


Extension cables, plug connectors



4 pole

Cable white/coding	Length m	Part No.	P.U.	Price	Part No.	P.U.	Price
white	Code 1	on request					



LST03i2

LST03i4

Flexible and safe, anywhere where energy is needed!

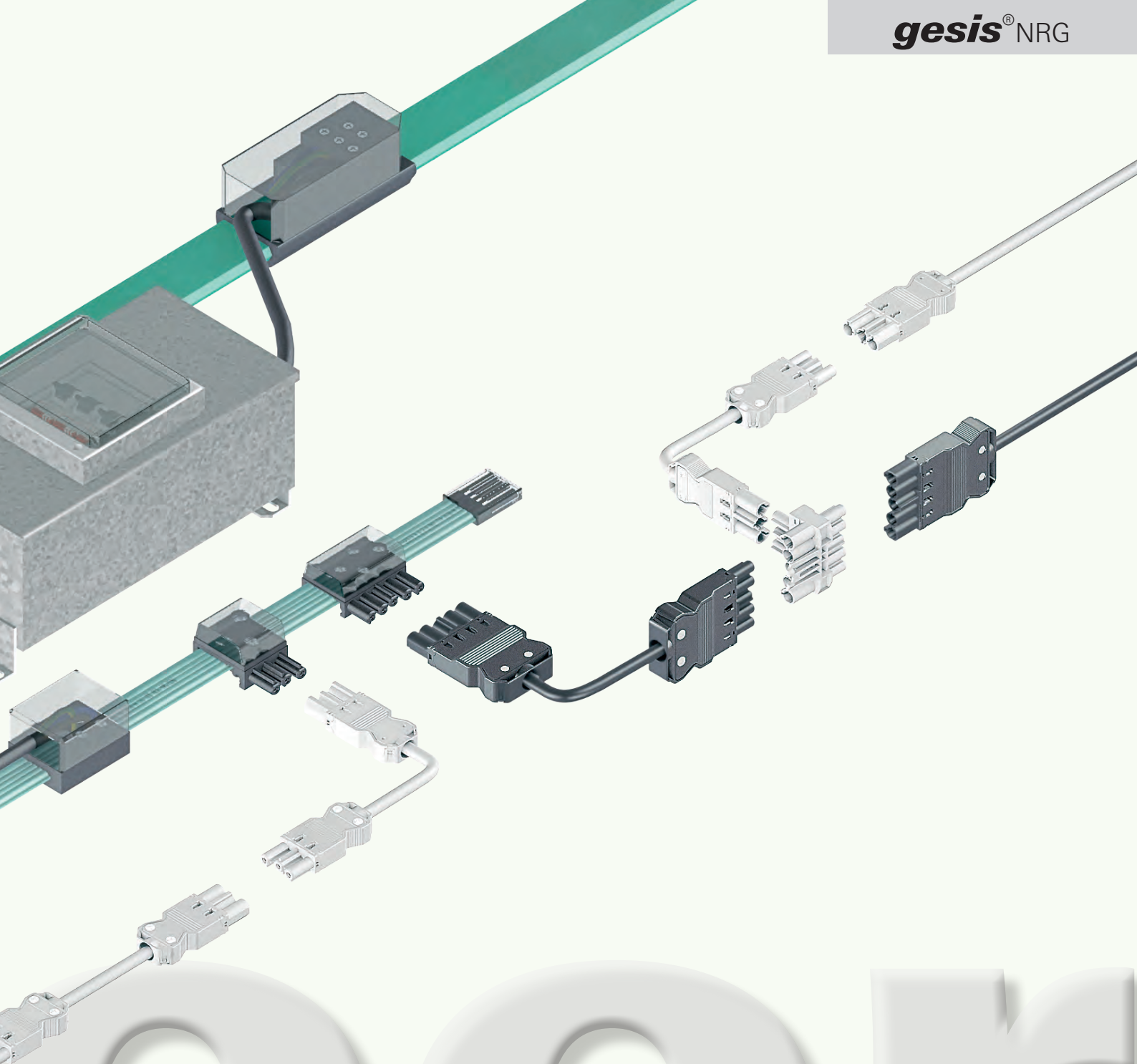
The **gesis**[®]NRG busbar functions as a central supply cable for efficient installations. Contacts are made by means of insulation-piercing connection technology using V screws and are possible in any position along the main line.

This means that transfer to the desired **gesis**[®] product line is achieved without having to cut the cable. With different pole number options for the flat cables, you can plan your applications individually.



More information
<http://eshop.wieland-electric.com>





FOR



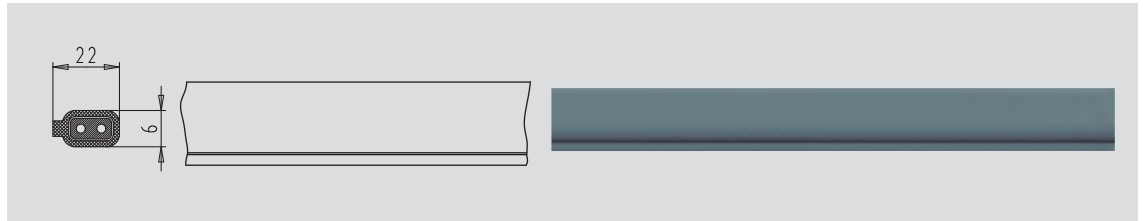
Flat cables, 2 pole, 1.5 mm²

Rated voltage: 50 V
 Rated current: 3 A
 Rated impulse voltage:
 Protection rating: IP20, IP40 when plugged

Connection technique: insulation piercing
 Approval:
 Locking device: integrated
 Output: pluggable, parallel to line direction

Flat cable, gray (bus line)

Double shielded, indicate cutting length (max. 1000 m)



Cable color	Part No.	P.U.	Price	Part No.	P.U.	Price
dark gray	00.702.1022.3	1		00.709.1022.3	1	
	PVC, contains halogen			halogen-free		

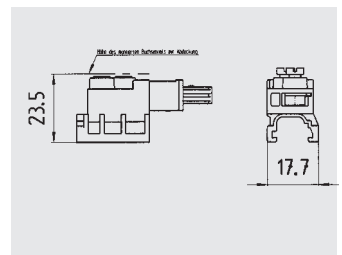
Cable width approx. 11 mm, cable height approx. 6 mm.

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

2 pole, flat cable adapter

Tapping KNX signal
 Female connector
 BST14i2

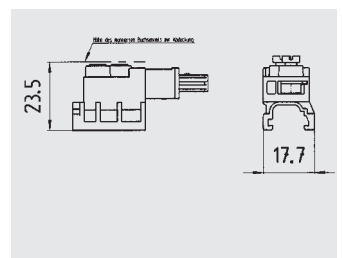
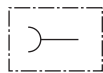
Color	Coding	Part No.	P.U.	Price
black/green	Code 1 1+, 2-	93.421.0953.0	50	



3 pole, without screen contacts

Tapping bus/signal
 Female connector
 BST14i3

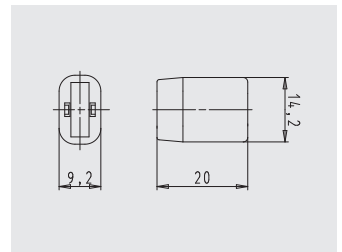
Color	Coding	Part No.	P.U.	Price
black/black	Code 1 1+, 2-	93.421.2953.1	50	



Cable end cap

Cable end cap

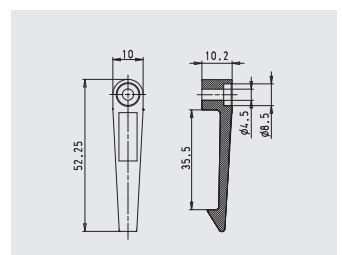
Color	Coding	Part No.	P.U.	Price
transparent		05.562.4400.0	20	



Cable clip

Cable clip

Color	Coding	Part No.	P.U.	Price
gray		05.562.3000.0	100	



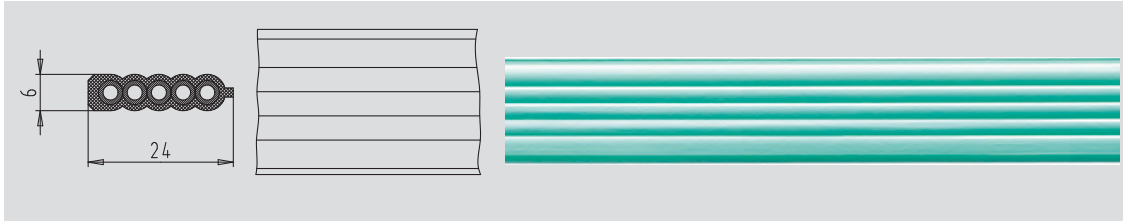
Flat cables, 5 pole, 2.5 mm²

Rated voltage: 250 V/400 V
 Rated current: 16 A
 Protection rating: IP20
 Cable approvals: 
 Cable bending radius: static, approx. 18 mm

Connection technique: insulation piercing
 Approval:
 Locking device: integrated
 Output: pluggable, at right angle to line direction
 Adapters are supplied without cable.
 Observe the installation instructions in the Technical data!

Flat cable, light green (mains, 5 x 2.5 mm²)

Indicate cutting length (max. 350 m)

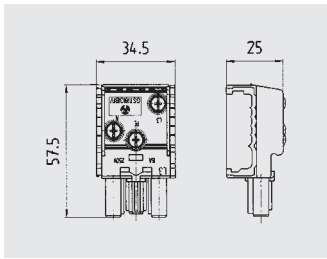


⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Cable color	Part No.	P.U.	Price	Part No. LSOH	P.U.	Price
light green	00.702.0303.7	1		00.709.0303.7	1	
	PVC, contains halogen			halogen-free		

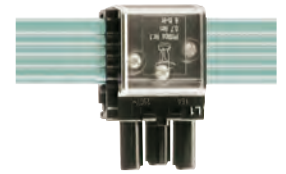
Cable width approx. 24 mm, cable height approx. 6 mm.
 Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

3 pole, flat cable adapter, direct routing to GST18i3

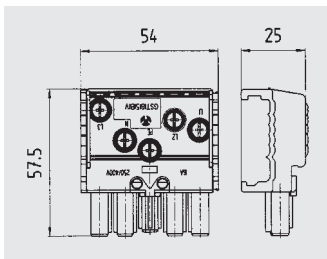


Color	Coding Tapping	Part No.	P.U.	Price
black	Code 1	L1	92.031.5153.1	50
black		L2	92.031.5253.1	50
black		L3	92.031.5353.1	50

Tapping power
 Female connector
 GST18i3



5 pole, flat cable adapter, direct routing to GST18i5

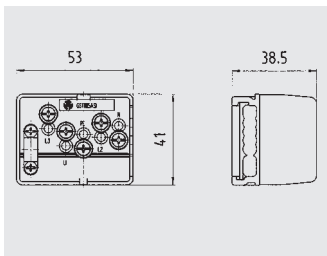


Color	Coding	Part No.	P.U.	Price
black	Code 1	3, N, PE, 2, 1	92.051.0553.1	50

Tapping power
 Female connector
 GST18i5

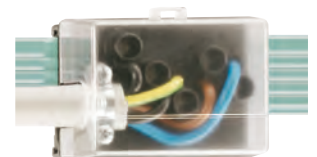


Mains feed for round cables 5 – 13 mm, screw connection

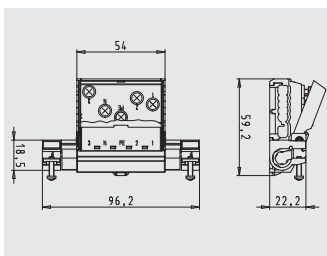


Color	Connec. cross-section	Part No.	P.U.	Price
black	2.5 mm ²	92.050.8153.0	50	

Mains feed

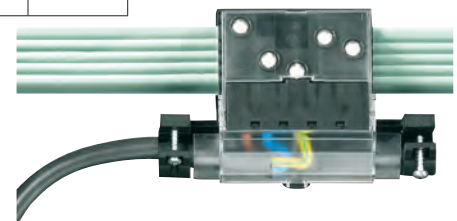


Mains feed for round cables 5 – 13 mm, spring clamp connection




Color	Connec. cross-section	Part No.	P.U.	Price
black	1.5 mm ² (f), 1.5 x 1.5 mm ² (r)	92.050.8653.0	25	

Mains feed



Flat cables, 5 + 2 pole, 5 x 2.5 mm², 2 x 1.5 mm²

Rated voltage: 250/400 V
 Rated current: 16 A
 Protection rating: IP20
 Approvals: 
 Bending radius: static, approx. 18 mm Screen: double

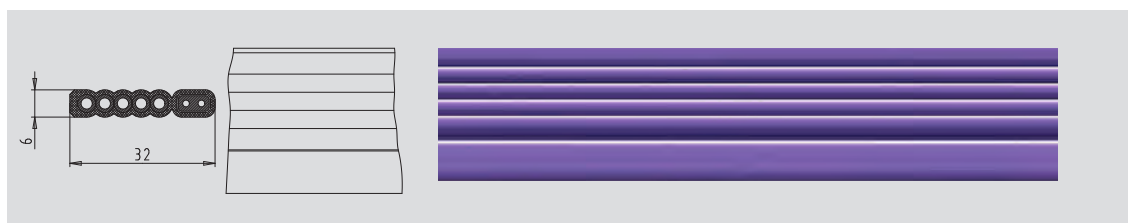
Flat cable, purple (mains + bus, 5 x 2.5 mm² + 2 x 1.5 mm²)

Indicate cutting length (max. 350 m)



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

1+ = Bus
 2- = Bus



Cable color	Part No.	P.U.	Price	Part No. LSOH	P.U.	Price
purple	00.702.0323.9	1		00.709.0323.9	1	
	PVC, contains halogen			halogen-free		

Cable width approx. 32 mm, cable height approx. 6 mm.

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

Sheath strip knife for flat cables

Sheath strip knife



Color	Part No.	P.U.	Price
	95.350.0500.0	1	

Cable end cap, sheath strip length approx. 20 mm

Cable end cap



Color	Part No.	P.U.	Price
transparent	05.562.2900.0	20	

Sample kit



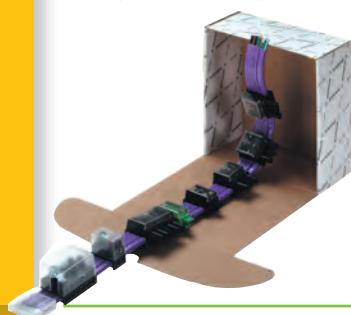
Sample kit, flat cable, 5 + 2 pole

Part No.	P.U.	Price
99.477.0000.0	1	

Sample kit, complete

Sample kit, complete with adapter

Part No.	P.U.	Price
99.470.0000.0	1	



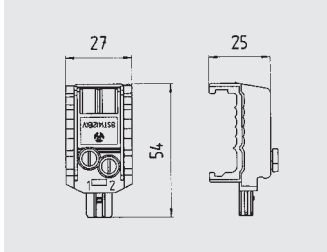
Flat cable adapter, 5 + 2 pole

Rated voltage GST:
Rated voltage BST:
Rated current GST:
Rated current BST:
Protection rating:

250/400 V
50 V
16 A
3 A
IP20

Connection technique: insulation piercing
Approval:
Locking device: separate
Output: pluggable, at right angle to line direction
Supplied without cable. Observe the installation instructions in the Technical data!

2 pole, flat cable adapter, direct routing to BST14i2 / BST14i3

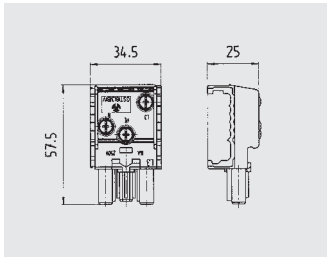


Color	Coding	Tapping	Part No.	P.U.	Price
green	Code 1	1+, 2-	93.421.0853.0	50	
black	Code 3	1+, 2-	93.421.2853.1	50	

Tapping bus/signal
Female connector BST14

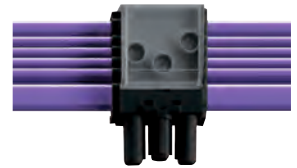


3 pole, flat cable adapter, direct routing to GST18i3

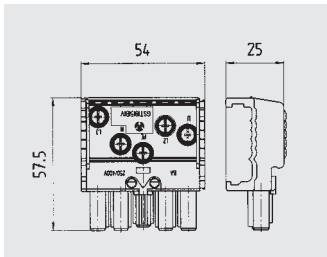


Color	Coding	Tapping	Part No.	P.U.	Price
black	Code 1	L1, N, PE	92.031.4153.1	50	
black		L2, N, PE	92.031.4253.1	50	
black		L3, N, PE	92.031.4353.1	50	

Tapping power 3 pole
Female connector GST18i3



5 pole, flat cable adapter, direct routing to GST18i5

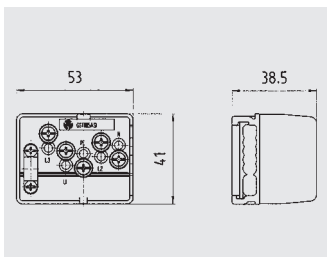


Color	Coding	Tapping	Part No.	P.U.	Price
black	Code 1	L1, L2 L3, N, PE	92.051.0353.1	50	

Tapping power 3 pole
Female connector GST18i5



Mains feed for round cables 5 – 13 mm, screw connection

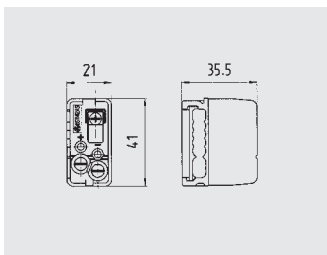


Color	Connection cross-section	Part No.	P.U.	Price
black	2.5 mm ²	92.050.8053.0	50	

Connection box
GST18i5



Bus feed for round cables 3 – 8 mm, screw connection



Color	Connection cross-section	Part No.	P.U.	Price
black		93.420.1053.0	50	

Feed in bus/signal
Female connector BST14i2 ASI



Accessories for flat cables, 5 pole, 2.5 mm²

Protection rating:
Approvals:

IP20


Functional safety can only be guaranteed, if the original cable is used.

For more information see Technical Data.

Sheath stripping tool

Sheath stripping tool for flat cables

Part No.	P.U.	Price
95.350.0200.0	1	



Cable cutter

Cable cutter for flat cables

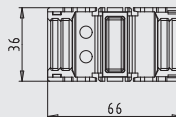
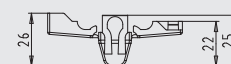
Part No.	P.U.	Price
95.300.0300.0	1	



Cable end cap

Cable end cap

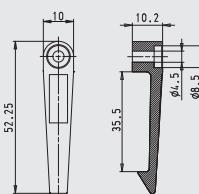
Color	Part No.	P.U.	Price
transparent	05.563.4700.0	50	



Cable clip

Cable clip

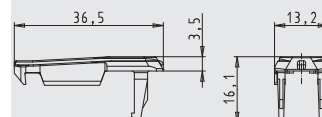
Color	Part No.	P.U.	Price
gray	05.562.3000.0	100	




Locking device


Slide lock

Color	Part No.	P.U.	Price
white	05.587.3156.0	50	
black	05.587.3156.1	50	



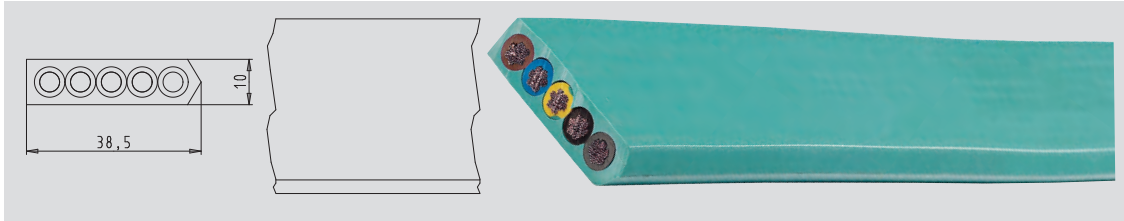
Flat cables, 5 pole, 10 mm²

Rated voltage: 250/400 V
 Rated current: 50 A
 Rated impulse voltage:
 Protection rating: IP20
 Cable approval: 

Adapters are supplied without cable.
 Observe the installation instructions in the Technical data!
 Adapter approval: 

Flat cable, light green, (mains, 5 pole, 10 mm²)

Indicate cutting length (max. 500 m)



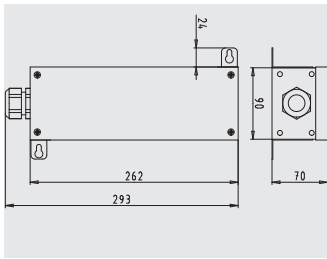
⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Cable color	Part No.	P.U.	Price	Part No. FR/LSOH	P.U.	Price
light green	00.702.0306.7	1	12,87*	00.709.0306.7	1	
	PVC, contains halogen			halogen-free		

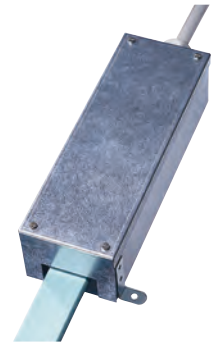
Cable width approx. 38.5 mm, cable height approx. 10 mm.

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

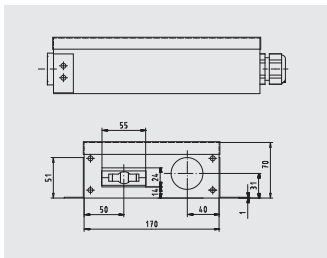
5 pole, feed, 5 x 16 mm², screw connection, 5 pole, with strain relief



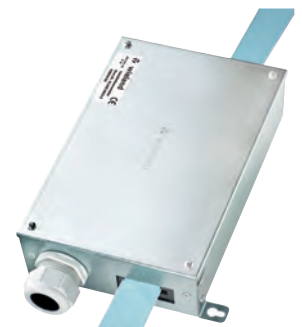
Color	Coding	Part No.	P.U.	Price
zinc-plated	L3, L2, PE, N, L1	92.050.8253.0	1	101,82*



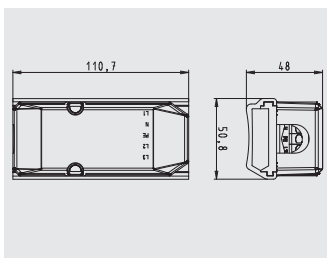
5 pole, central feed, 5 x 16 mm², screw connection, 5 pole, with strain relief



Color	Coding	Part No.	P.U.	Price
zinc-plated	L3, L2, PE, N, L1	92.050.8853.0	1	



5 pole, adapter, 5 x 4 mm², tension spring connection with strain relief




Color	Coding	Part No.	P.U.	Price
white	L3, L2, PE, N, L1	92.050.8353.0	25	

Flat cable adapter



Flat cables, 5 pole, 16 mm²

Rated voltage: 250/400 V
 Rated current: 63 A
 Protection rating: IP65
 Approval: 

Adapters are supplied without cable.
 Observe the installation instructions in the Technical data!

Flat cable, light gray, (mains, 5 pole, 16 mm²)

Indicate cutting length (max. 500 m)



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY



Cable color	Part No.	P.U.	Price	Part No.	P.U.	Price
light green	00.702.0307.3	1		00.709.0307.3	1	
	PVC, contains halogen			halogen-free		

Cable width approx. 48.5 mm, cable height approx. 11.3 mm.

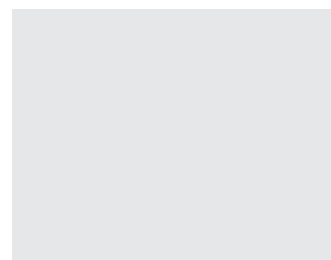
Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

Feed, 5 pole, for round cables, 5 x 16 mm², with screw connection

Feed



Color	Part No.	P.U.	Price
black	92.050.8453.0	1	

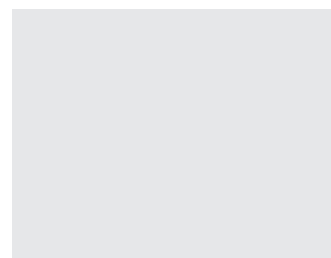


5 pole, tapping adapter, 5 x 6 mm², tension spring connection

Flat cable adapter for mains (output)



Color	Part No.	P.U.	Price
black	92.050.8553.0	1	

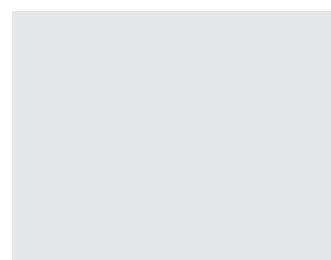


Flat cable adapter GST18

5 pole, flat cable adapter incl. circuit breaker and GST18 outputs



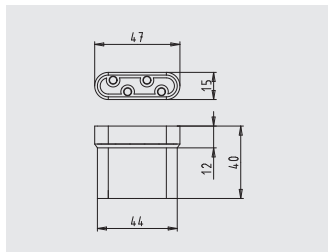
Color	Part No.	P.U.	Price
zinc-plated	G0.000.0044.7	1	



Accessories for flat cables, 5 pole, 10/16 mm²

Supplied without cable.
Functional safety can only be guaranteed,
if the original cable is used.
For more information see Technical Data.

Cable end cap 10 mm² sheath strip length approx. 20 mm

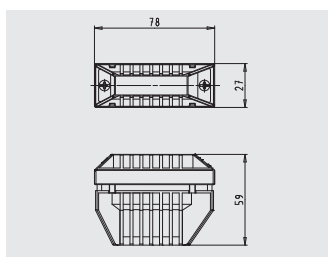


Color	Part No.	P.U.	Price
transparent	05.563.9553.0	10	

Cable end cap
10 mm²



Cable end cap 16 mm² sheath strip length approx. 20 mm

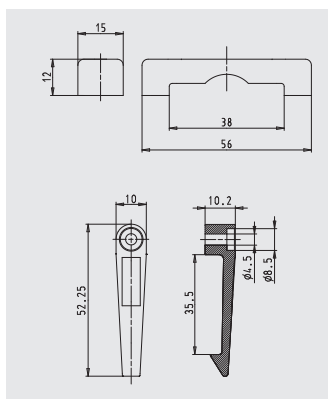


Color	Part No.	P.U.	Price
transparent	05.563.9453.0	4	

Cable end cap
16 mm²



Cable clip for flat cables 10/16 mm²



Color	Part No.	P.U.	Price
black	05.563.9753.0	100	

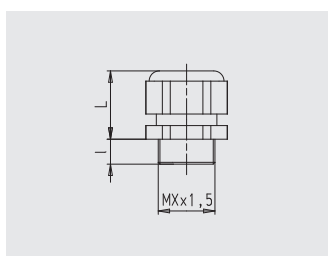
Cable clip



Cable clip

Color	Part No.	P.U.	Price
gray	05.562.3000.0	100	

Cable gland for connection boxes



Color	Connec. range mm	Cable gland	Part No.	P.U.	Price
gray	16 – 28 mm	M40 x 1.5	Z5.507.1953.0	1	
gray	7 – 16 mm	M25 x 1.5	Z5.507.1553.0	10	
Metal	11 – 18 mm	M25 x 1.5	Z5.507.1521.0	10	



M40 x 1.5



M25 x 1.5



M25 x 1.5

Filler plug for connection box cable gland

Color	Cable gland	Part No.	P.U.	Price
gray	M25 x 1.5	05.507.4153.0	1	



M25 x 1.5



Country-specific products



Great Britain

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Spain

Page 186 – 193



Italy

Page 194 – 207



More information
<http://eshop.wieland-electric.com>



Great Britain



More information
<http://eshop.wieland-electric.com>



Connector assemblies for luminaire connection



Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH,
 as per BS7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

halogen-free
 integrated
 35 mm
 9 mm

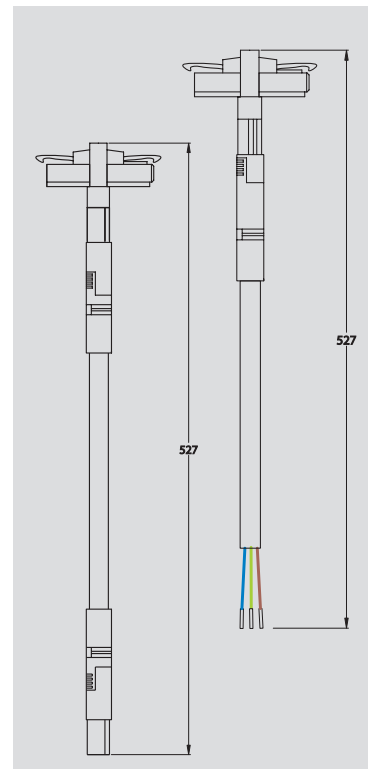
3 pole, T-piece with connection cable 3G 1.5 mm²



Sheath LSOH 3G1.5				
Cable/T-piece white	Length m	Part No.	P.U.	Price
Connector white	0.5	99.424.9910.0	75	
Coding white	Code 1	Luminaire connection: Free end		

3 pole, T-piece with connecting cable 3G 1.5 mm²

Sheath LSOH 3G1.5				
Cable/T-piece white	Length m	Part No.	P.U.	Price
Connector white	0.5	G1.933.0502.2	75	
Coding white	Code 1	Luminaire connection: GST18i3 female		

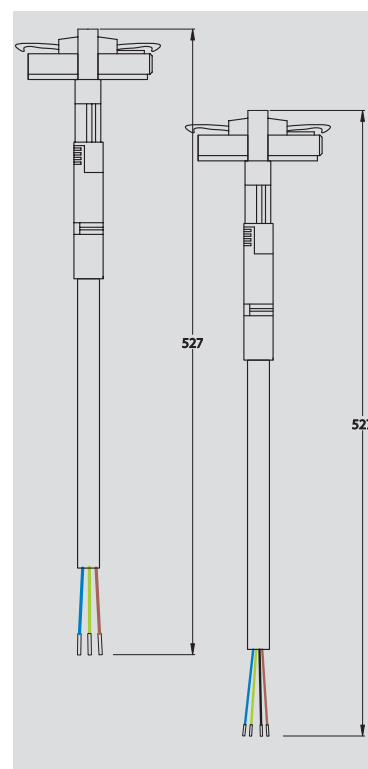


4 pole, T-piece with connecting cable 3G 1.5 mm²

Sheath LSOH 3G1.5				
Cable white/T-piece black	Length m	Part No.	P.U.	Price
Connector black	0.5	G1.943.0542.1	50	
Coding black	Code 1	Luminaire connection: Free end		

4 pole, T-piece with connecting cable 4G 1.5 mm²

Sheath LSOH 4G1.5				
Cable white/T-piece black	Length m	Part No.	P.U.	Price
Connector black	0.5	G1.944.0542.1	50	
Coding black	Code 1	Luminaire connection: Free end		



GST18i3

GST18i4

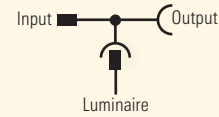
Connector assemblies for luminaire connection



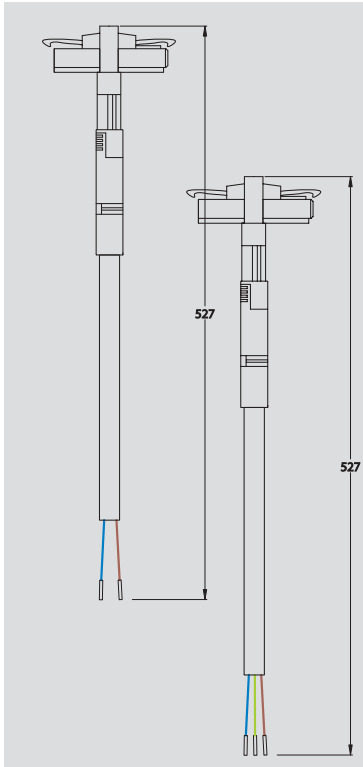
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH,
 as per BS7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

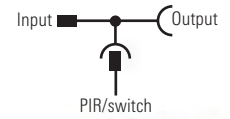
halogen-free
 integrated
 35 mm
 9 mm



5 pole, T-piece with connecting cable 2x1.5 mm²



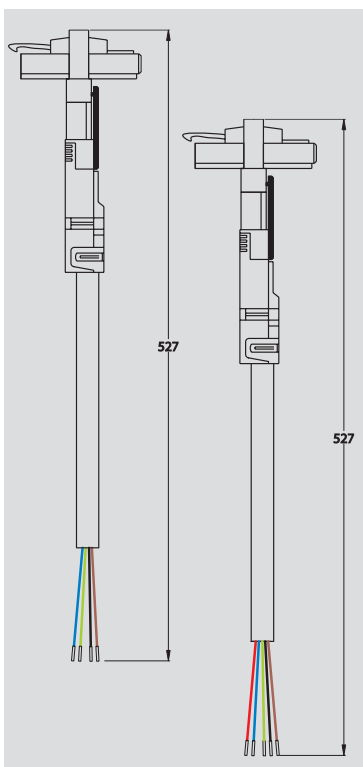
Cable white/T-piece black Connector black				Length m	Part No.	P.U.	Price
Coding black		Code 1	0.5 2 wires	G1.952.0542.1			
Coding pastel blue		Code 2	0.5 2 wires	G1.952.0542.7			
Luminaire connection: Male – free end							



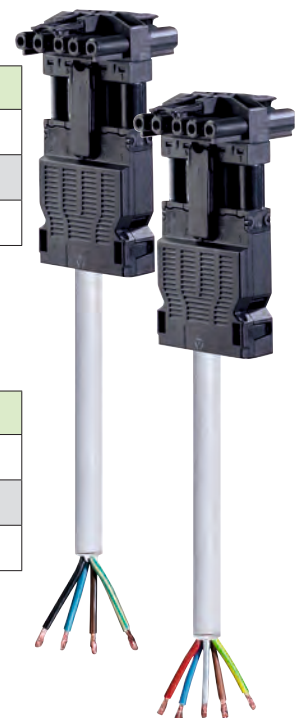
5 pole, T-piece with connecting cable 3G 1.5 mm²

Cable white/T-piece black Connector white				Length m	Part No.	P.U.	Price
Coding white		Code 1	0.5 3 wires	G1.953.0542.1			
Coding pastel blue		Code 2	0.5 3 wires	G1.953.0542.7			
Luminaire connection: Male – free end							

5 pole, T-piece with connecting cable 4G 1.5 mm²



Cable white/T-piece black Connector black				Length m	Part No.	P.U.	Price
Coding white		Code 1	0.5 4 wires	G1.954.0542.1			
Coding pastel blue		Code 2	0.5 4 wires	G1.954.0542.7			
Luminaire connection: Free end							



5 pole, T-piece with connecting cable 5G 1.5 mm²

Cable white/T-piece black Connector black				Length m	Part No.	P.U.	Price
Coding white		Code 1	0.5 5 wires	G1.955.0542.1			
Coding pastel blue		Code 2	0.5 5 wires	G1.955.0542.7			
Luminaire connection: Free end							

GST18i5

T distributor with connection cable 1.5 mm²



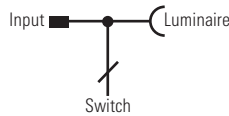
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH, as per BS 7211:
 Locking device:
 Sheath strip length: halogen-free integrated
 Wire stripping length: 35 mm
 9 mm

3 pole, on/off switch 1 pole (L1)

Sheath **LSOH 3G1.5**

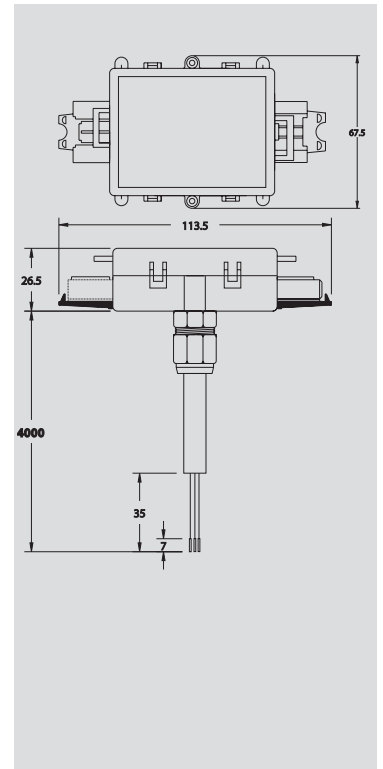
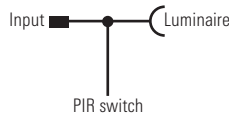
Cable/housing white	Length m	Part No.	P.U.	Price
Coding black	4.0 3 wires	G1.833.0412.1		
On/off switch – connection cable, 3 pole				



3 pole, infrared motion detector (L1)

Sheath **LSOH 4G1.5**

Cable/housing white	Length m	Part No.	P.U.	Price
Coding black	4.0 4 wires	G1.834.0442.1	10	
Passive infrared switch – connection cable, 4 pole				



4 pole, on/off switch 1 pole (L1)

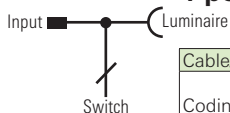
Sheath **LSOH 3G1.5**

Cable/housing white	Length m	Part No.	P.U.	Price
Coding black	4.0 3 wires	G1.843.0412.1		
On/off switch – connection cable, 3 pole				

4 pole, on/off switch 1 pole (L2, emergency lighting)

Sheath **LSOH 3G1.5**

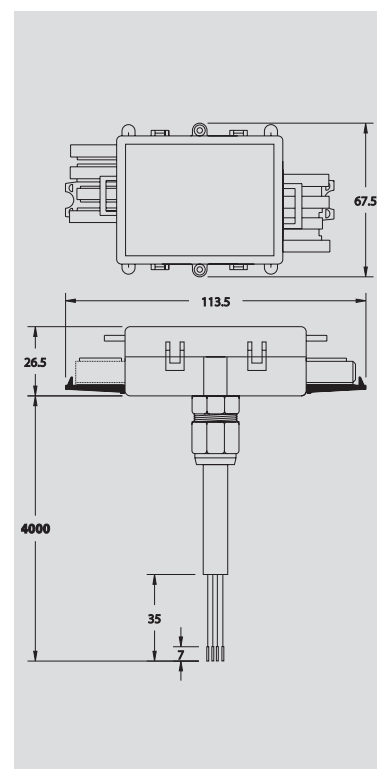
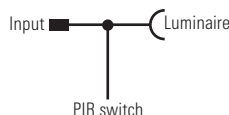
Cable/housing white	Length m	Part No.	P.U.	Price
Coding black	4.0 3 wires	G1.843.0422.1		
On/off switch – connection cable, 3 pole				



4 pole, infrared motion detector

Sheath **LSOH 4G1.5**

Cable/housing white	Length m	Part No.	P.U.	Price
Coding black	4.0 4 wires	G1.844.0442.1		
Passive infrared switch – connection cable, 4 pole				



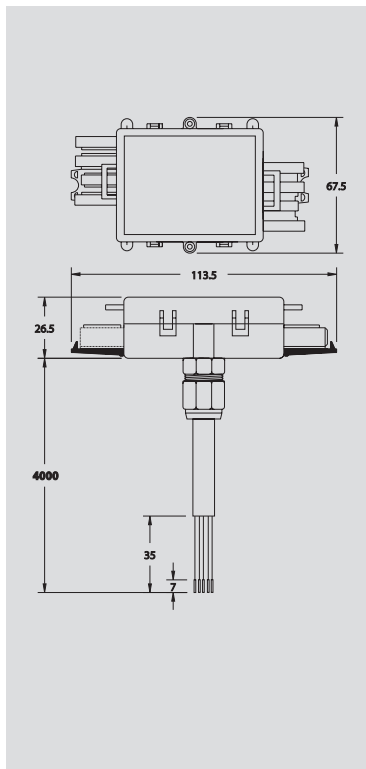
T distributor with connection cable 1.5 mm²



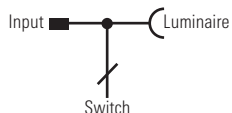
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH, as per BS 7211: halogen-free
 Locking device: integrated
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm

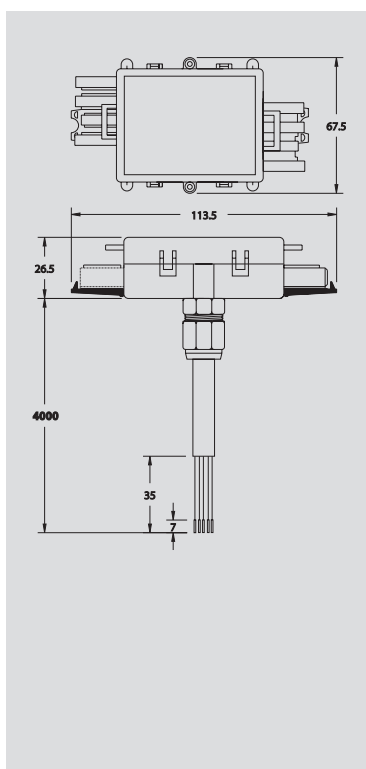
4 pole, on/off switch 2 pole



Cable/housing white		Length m	Part No.	P.U.	Price
Coding white	Code 1	4.0 5 wires	G1.845.0432.2		
On/off switch – connection cable, 3 pole					



4 pole, adapter for 2-way switches and 4 pole cables



Cable/housing white		Length m	Part No.	P.U.	Price
Coding white	Code 1	4.0 5 wires	G1.845.0472.2		
2-way switch – connection cable, 5 pole					



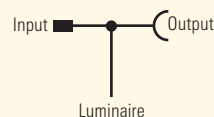
Connector assemblies for luminaire connection



Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH,
 as per BS 7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

halogen-free
 integrated
 35 mm
 9 mm

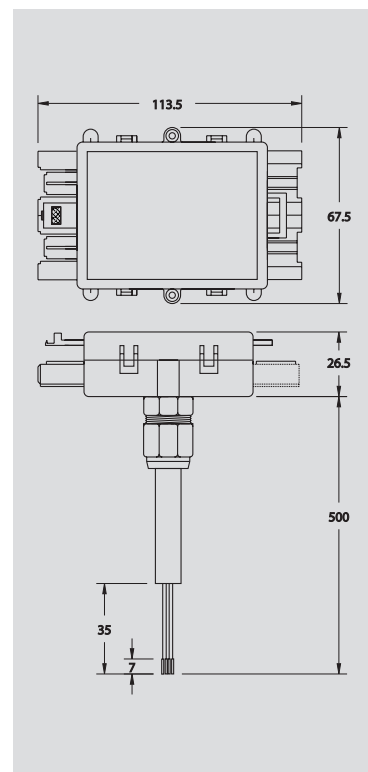


6 pole, T-piece with connecting cable 2x1.5 mm²

Cable white/housing white		Length m	Part No.	P.U.	Price
Coding	black/pastel blue	0.5	G1.962.0542.7		
		2 wires			
Luminaire connection – Free end					

6 pole, T-piece with connecting cable 3G 1.5 mm²

Cable white/housing white		Length m	Part No.	P.U.	Price
Coding	black/pastel blue	0.5	G1.963.0542.7		
		3 wires			
Luminaire connection – Free end					

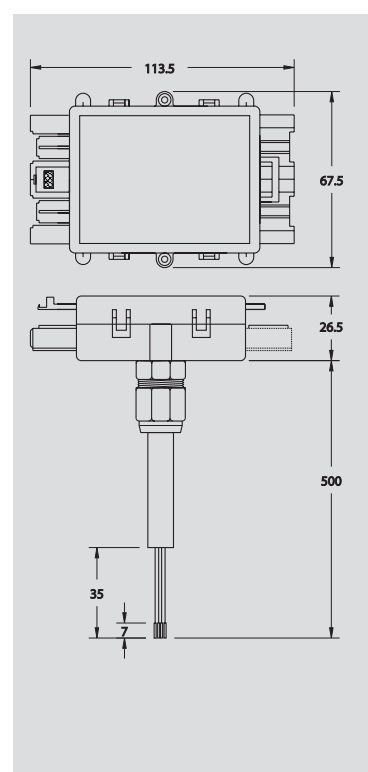


6 pole, T-piece with connecting cable 4G 1.5 mm²

Cable white/housing white		Length m	Part No.	P.U.	Price
Coding	black/pastel blue	0.5	G1.964.0542.7		
		4 wires			
Luminaire connection – Free end					

6 pole, T-piece with connecting cable 5G 1.5 mm²

Cable white/housing white		Length m	Part No.	P.U.	Price
Coding	black/pastel blue	0.5	G1.965.0542.7		
		5 wires			
Luminaire connection – Free end					

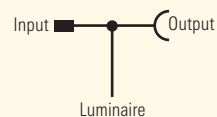


Connector assemblies for luminaire connection

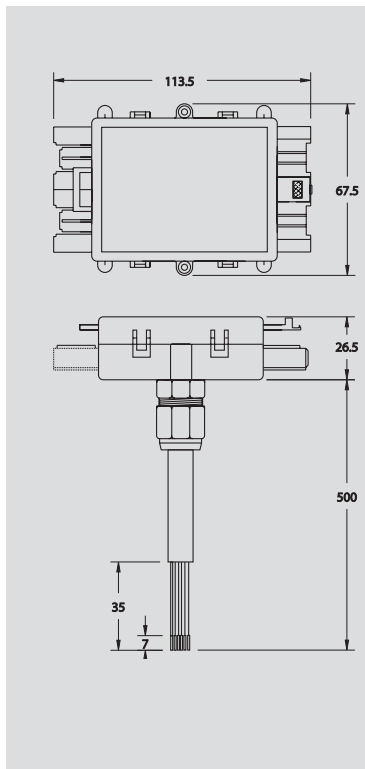
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH,
 as per BS 7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

halogen-free
 integrated
 35 mm
 9 mm



6 pole, T-piece with connecting cable 2x1.5 mm²



		Sheath LSOH 2x1.5		
Cable white/housing white	Length m	Part No.	P.U.	Price
Coding black/pastel blue	0.5 6 wires	G1.966.0542.7		
Luminaire connection – Free end				



T distributor with connection cable 1.5 mm²



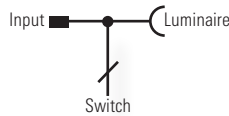
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH, as per BS 7211:
 Locking device: halogen-free integrated
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm

6 pole, on/off switch 1 pole (L2)

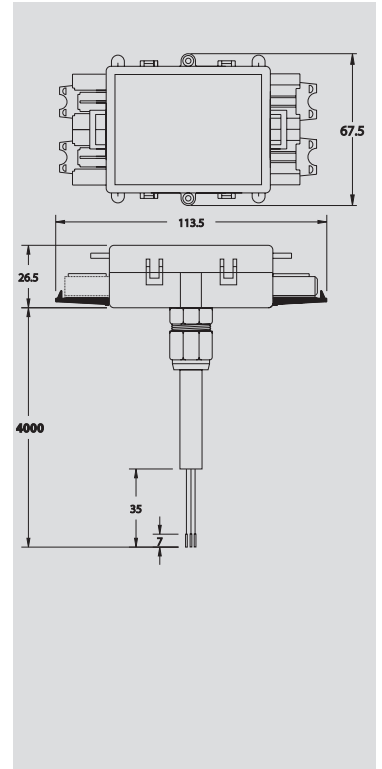
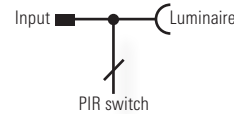


		Sheath LSOH 3G1.5		
Cable/housing white	Length m	Part No.	P.U.	Price
	4.0 3 wires	G1.863.0422.7		
Coding black/pastel blue		On/off switch – connection cable, 3 pole		



6 pole, Infrared motion detector, passive (L1)

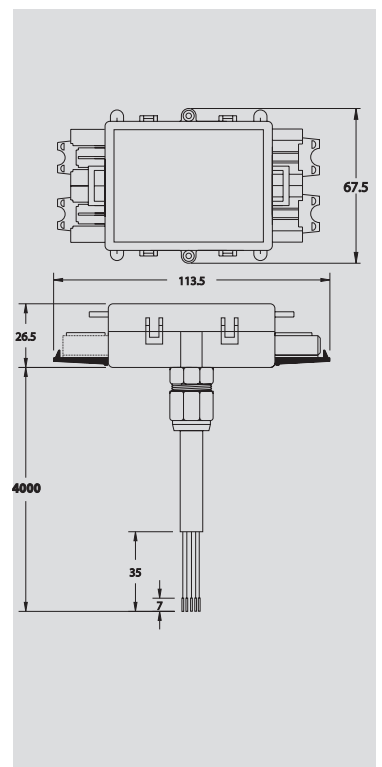
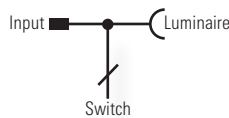
		Sheath LSOH 4G1.5		
Cable/housing white	Length m	Part No.	P.U.	Price
	4.0 4 wires	G1.864.0442.7		
Coding black/pastel blue		Switch phase 1 Passive infrared switch – connection cable, 4 pole		



6 pole, on/off switch 2 pole (L1/L2)



		Sheath LSOH 5G1.5		
Cable/housing white	Length m	Part No.	P.U.	Price
	4.0 5 wires	G1.865.0432.7		
Coding black/pastel blue		Switch phase 1 +2 emergency current – connection cable, 3 pole		





Pre-assembled switching distributors



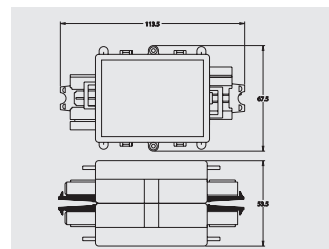
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV

Distribution block



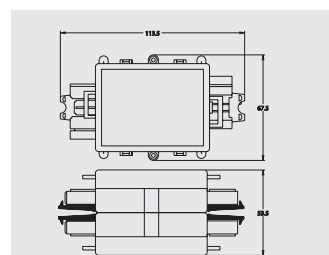
3 pole, on/off switch

Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.830.0012.1	25	
with through-wiring				



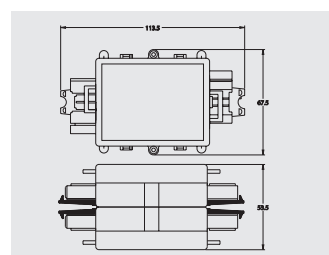
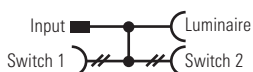
3 pole, Infrared motion detector, passive

Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.830.0042.1		
with through-wiring				



3 pole, series connection

Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.830.0062.1	25	

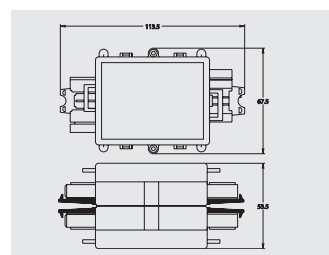


Distribution block



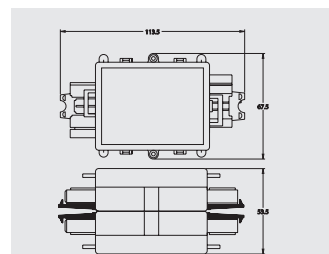
4 pole, on/off switch (L1)

Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.840.0012.1		
with through-wiring				



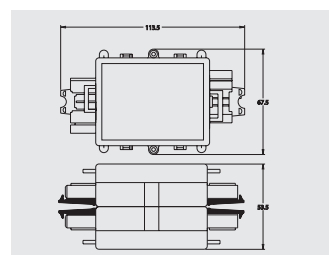
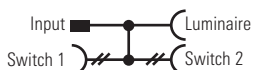
4 pole, Infrared motion detector, passive (L1)

Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.840.0042.1		
with through-wiring				



4 pole, series connection (L1)

Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.840.0062.1		

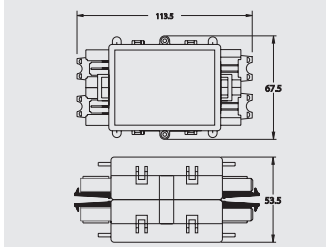


Pre-assembled switching distributor



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Approvals:

6 pole, infrared motion detector, passive (L1)



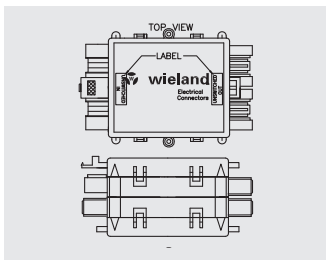
Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.860.0042.7		
with through-wiring				



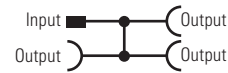
Distribution block



6 pole, distribution unit without switching functions



Color	Coding	Part No.	P.U.	Price
white	Code 1	G1.966.0000.7		



Distribution boxes with 2.5 mm² wiring, metal housing



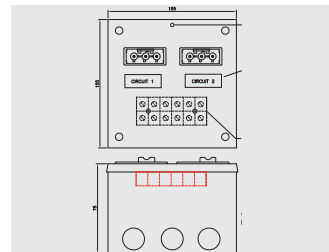
Rated voltage: 250 V
 Rated current: 20A
 Rated impulse voltage: 4 kV
 Housing: Metal

Distribution box



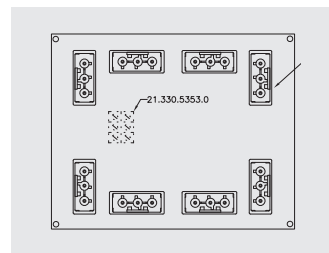
3 pole, two circuits

Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.132.4403.1		
each circuit with 1 female connector, 3 pole				



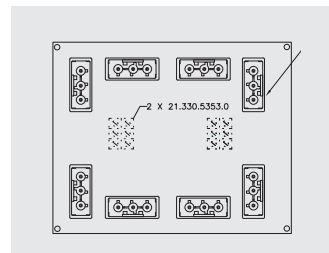
3 pole, one circuit

Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.130.3813.1		
one circuit, 8 female connectors, 3 pole				



3 pole, two circuits

Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.130.3823.1		
each circuit with 4 female connectors, 3 pole				

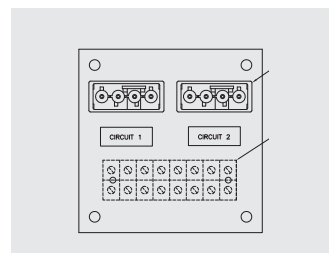


Distribution box



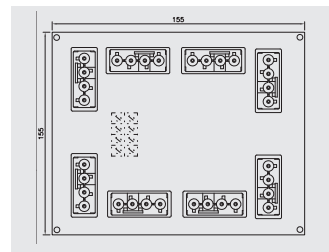
4 pole, two circuits

Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.142.4403.1		
each circuit with 2 female connectors, 4 pole				



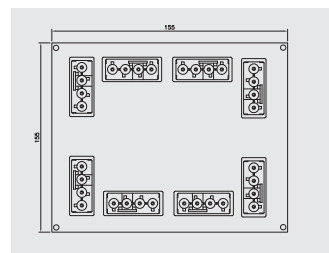
4 pole, one circuit

Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.140.4813.1		
one circuit, 8 female connectors, 4 pole				



4 pole, two circuits

Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.140.4823.1		
each circuit with 4 female connectors, 4 pole				



GST18i3

GST18i4

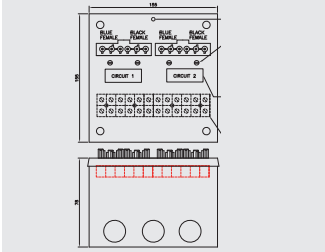
Distribution boxes with 2.5 mm² wiring, metal housing, besa plate



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Housing: Metal

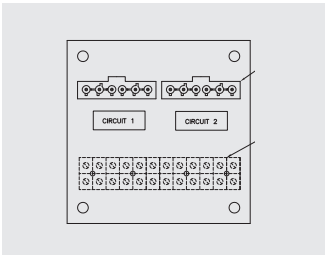
Approvals:

6 pole, two circuits



Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.162.6603.7		
each circuit with 1 female connector, 6 pole; coding pastel blue/black				

6 pole, two circuits

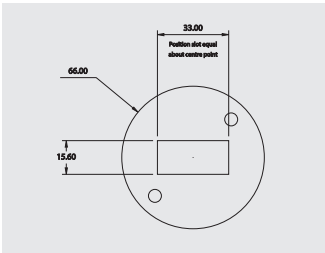


Color	Coding	Part No.	P.U.	Price
metal	Code 1	G1.162.6603.1		
each circuit with 1 female connector, 6 pole; coding black/black				

Distribution box

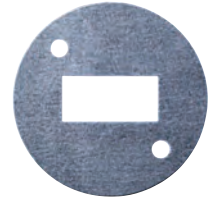


Besa plate, 3 pole, metal plate for Besa distribution box

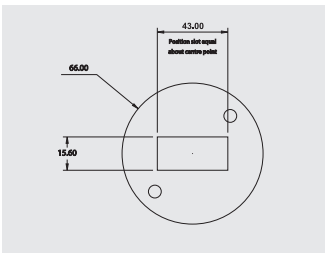


Color	Coding	Part No.	P.U.	Price
metal		G1.131.1370.1		
for 3 pole snap-in connectors (such as Part No. 92.031.9658.1)				

Besa plate, 3 pole



Besa plate, 4 pole, metal plate for Besa distribution box

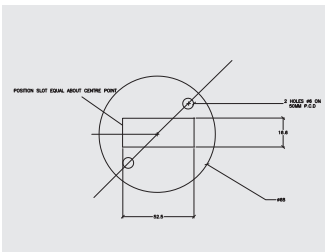


Color	Coding	Part No.	P.U.	Price
metal		G1.141.1300.1		
for 4 pole snap-in connectors (such as Part No. 92.041.9658.1)				

Besa plate, 4 pole

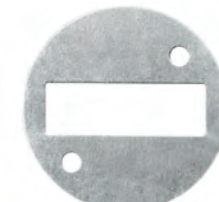


Besa plate, 5 pole, metal plate for Besa distribution box



Color	Coding	Part No.	P.U.	Price
metal		34.399.1673.1		
for 5 pole snap-in connectors (such as Part No. 92.051.9658.1)				

Besa plate, 5 pole



A Besa extension ring is additionally required (from third-party supplier)

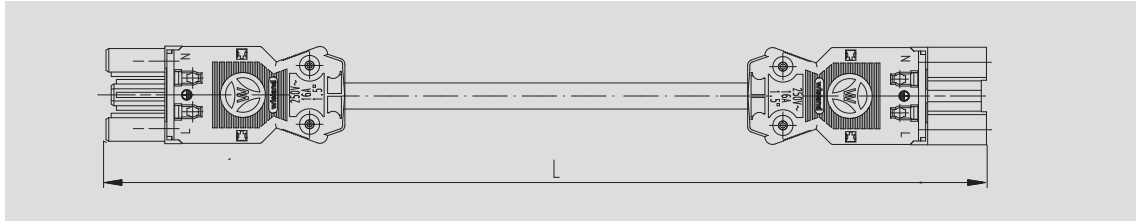
Cable assemblies, 3 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 8.3 mm

Cable material, H05Z1Z1-F: PVC, contains halogen
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



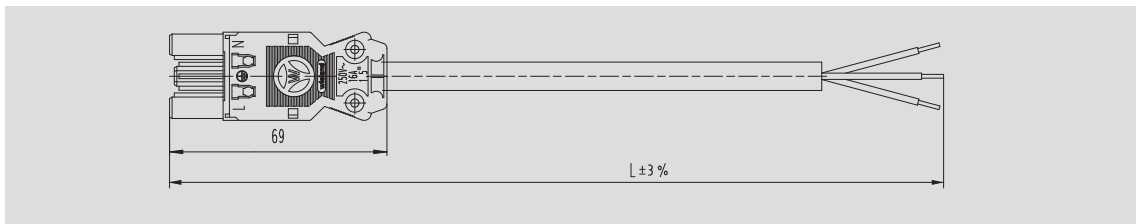
Cable white/coding		Length m	Part No.	P.U.	Price
black	Code 1 N, PE, L L, PE, N	1.0	G1.033.0102.2		
		2.0	G1.033.0202.2		
		3.0	G1.033.0302.2		
		4.0	G1.033.0402.2		
		5.0	G1.033.0502.2		
		6.0	G1.033.0602.2		
		7.0	G1.033.0702.2		
		8.0	G1.033.0802.2		
		9.0	G1.033.0902.2		
		10.0	G1.033.1002.2		



⊕ = GN/YE
 N = BU
 L = BN



Connection cables female – free end
 Wire ends ultrasonically welded



Cable white/coding		Length m	Part No.	P.U.	Price
black	Code 1 N, PE, L	1.0	G1.333.0102.2		
		2.0	G1.333.0202.2		
		3.0	G1.333.0302.2		
		4.0	G1.333.0402.2		
		5.0	G1.333.0502.2		
		6.0	G1.333.0602.2		
		7.0	G1.333.0702.2		
		8.0	G1.333.0802.2		
		9.0	G1.333.0902.2		
		10.0	G1.333.1002.2		



⊕ = GN/YE
 N = BU
 L = BN

Other cables, other lengths, other codings on request



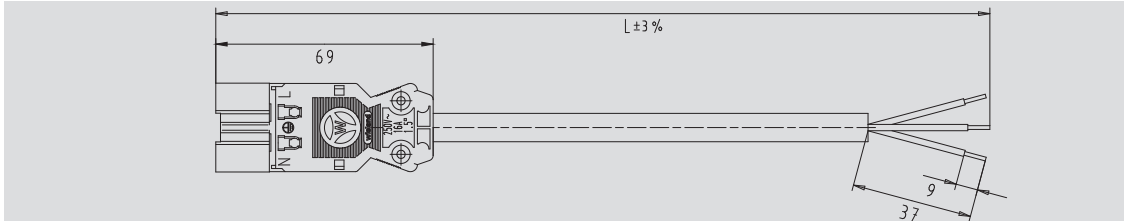
Cable assemblies, 3 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 8.3 mm

Cable material, H05Z1Z1-F: PVC, contains halogen
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable **H05Z1Z1-F**

Cable white/coding	Length m	Part No.	P.U.	Price
black	1.0	G1.433.0102.2		
	2.0	G1.433.0202.2		
	3.0	G1.433.0302.2		
	4.0	G1.433.0402.2		
	5.0	G1.433.0502.2		
	6.0	G1.433.0602.2		
	7.0	G1.433.0702.2		
	8.0	G1.433.0802.2		
	9.0	G1.433.0902.2		
	10.0	G1.433.1002.2		



⊕ = GN/YE
 N = BU
 L = BN



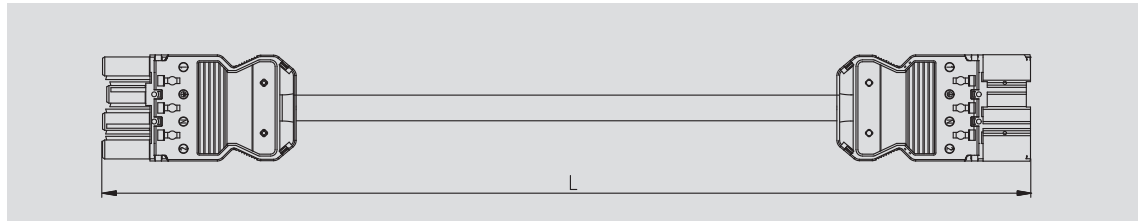
Cable assemblies, 4 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable H05VV-F

Cable white/coding	Length m	Part No.	P.U.	Price	
black	Code 1	1.0	G1.044.0102.1		
		2.0	G1.044.0202.1		
		3.0	G1.044.0302.1		
		4.0	G1.044.0402.1		
		5.0	G1.044.0502.1		
		6.0	G1.044.0602.1		
		7.0	G1.044.0702.1		
		8.0	G1.044.0802.1		

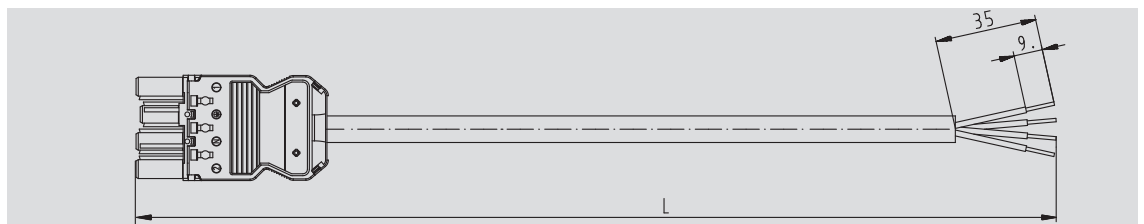


⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	1.0	G1.044.0102.2		
		2.0	G1.044.0202.2		
		3.0	G1.044.0302.2		
		4.0	G1.044.0402.2		
		5.0	G1.044.0502.2		
		6.0	G1.044.0602.2		
		7.0	G1.044.0702.2		
		8.0	G1.044.0802.2		



Connection cables female – free end
 Wire ends ultrasonically welded



Cable H05VV-F

Cable white/coding	Length m	Part No.	P.U.	Price	
black	Code 1	1.0	G1.344.0102.1		
		2.0	G1.344.0202.1		
		3.0	G1.344.0302.1		
		4.0	G1.344.0402.1		
		5.0	G1.344.0502.1		
		6.0	G1.344.0602.1		
		7.0	G1.344.0702.1		
		8.0	G1.344.0802.1		



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	1.0	G1.344.0102.2		
		2.0	G1.344.0202.2		
		3.0	G1.344.0302.2		
		4.0	G1.344.0402.2		
		5.0	G1.344.0502.2		
		6.0	G1.344.0602.2		
		7.0	G1.344.0702.2		
		8.0	G1.344.0802.2		



Other cables, other lengths, other codings on request



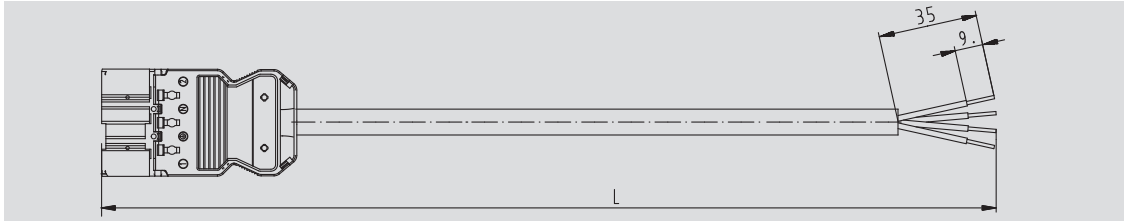
Cable assemblies, 4 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

Cable white/coding	Length m	Part No.	P.U.	Price	
black	Code 1	1.0	G1.444.0102.1		
		2.0	G1.444.0202.1		
		3.0	G1.444.0302.1		
		4.0	G1.444.0402.1		
		5.0	G1.444.0502.1		
		6.0	G1.444.0602.1		
		7.0	G1.444.0702.1		
		8.0	G1.444.0802.1		



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	1.0	G1.444.0102.2		
		2.0	G1.444.0202.2		
		3.0	G1.444.0302.2		
		4.0	G1.444.0402.2		
		5.0	G1.444.0502.2		
		6.0	G1.444.0602.2		
		7.0	G1.444.0702.2		
		8.0	G1.444.0802.2		

GST18i4



Other cables, other lengths, other codings on request

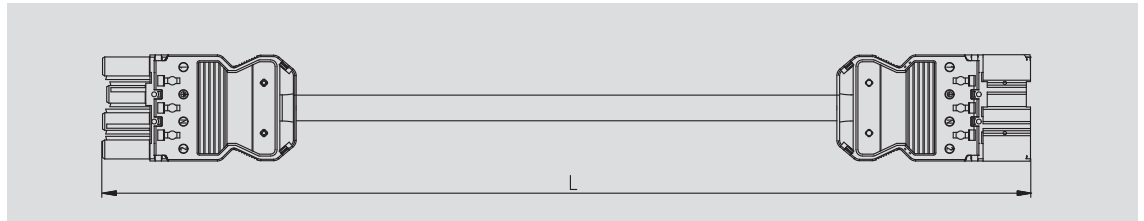
Cable assemblies, 4 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male

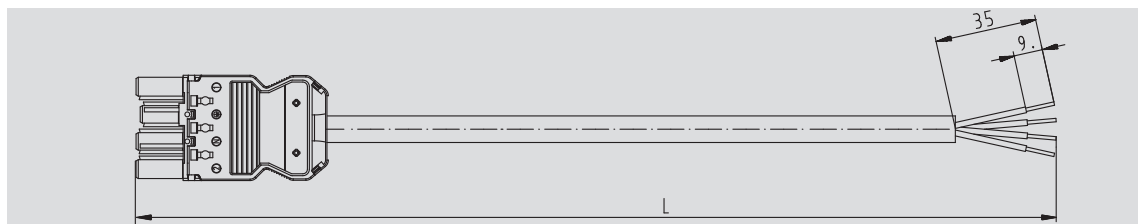


Cable H05VV-F					
Cable white/coding	Length m	Part No.	P.U.	Price	
black	Code 1	1.0	G1.044.0103.1		
		2.0	G1.044.0203.1		
		3.0	G1.044.0303.1		
		4.0	G1.044.0403.1		
		5.0	G1.044.0503.1		
		6.0	G1.044.0603.1		
		7.0	G1.044.0703.1		
		8.0	G1.044.0803.1		
Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	1.0	G1.044.0103.2		
		2.0	G1.044.0203.2		
		3.0	G1.044.0303.2		
		4.0	G1.044.0403.2		
		5.0	G1.044.0503.2		
		6.0	G1.044.0603.2		
		7.0	G1.044.0703.2		
		8.0	G1.044.0803.2		



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Connection cables female – free end
 Wire ends ultrasonically welded



Cable H05VV-F					
Cable white/coding	Length m	Part No.	P.U.	Price	
black	Code 1	1.0	G1.344.0103.1		
		2.0	G1.344.0203.1		
		3.0	G1.344.0303.1		
		4.0	G1.344.0403.1		
		5.0	G1.344.0503.1		
		6.0	G1.344.0603.1		
		7.0	G1.344.0703.1		
		8.0	G1.344.0803.1		
Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	1.0	G1.344.0103.2		
		2.0	G1.344.0203.2		
		3.0	G1.344.0303.2		
		4.0	G1.344.0403.2		
		5.0	G1.344.0503.2		
		6.0	G1.344.0603.2		
		7.0	G1.344.0703.2		
		8.0	G1.344.0803.2		



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Other cables, other lengths, other codings on request



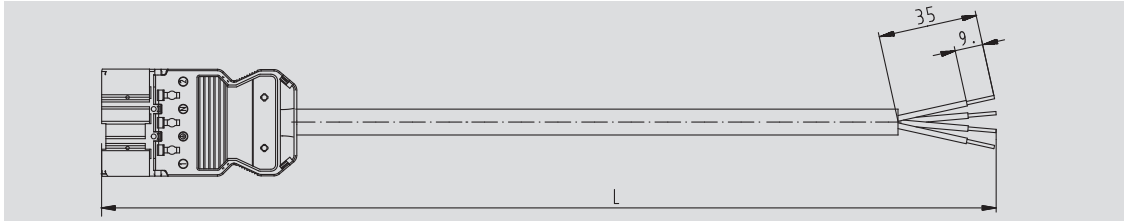
Cable assemblies, 4 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable H05VV-F					
Cable white/coding	Length m	Part No.	P.U.	Price	
black	Code 1	1.0	G1.444.0103.1		
		2.0	G1.444.0203.1		
		3.0	G1.444.0303.1		
		4.0	G1.444.0403.1		
		5.0	G1.444.0503.1		
		6.0	G1.444.0603.1		
		7.0	G1.444.0703.1		
		8.0	G1.444.0803.1		



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1	1.0	G1.444.0103.2		
		2.0	G1.444.0203.2		
		3.0	G1.444.0303.2		
		4.0	G1.444.0403.2		
		5.0	G1.444.0503.2		
		6.0	G1.444.0603.2		
		7.0	G1.444.0703.2		
		8.0	G1.444.0803.2		

GST18i4



Other cables, other lengths, other codings on request

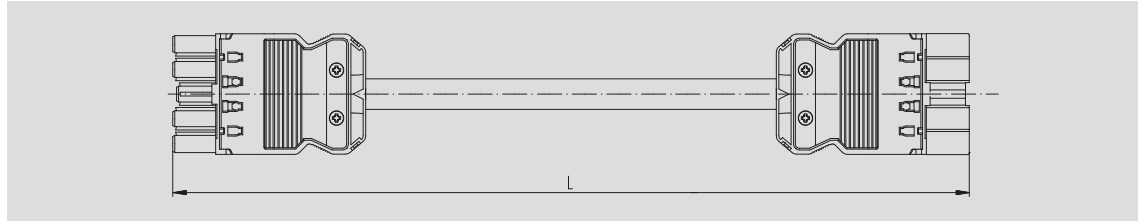
Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable H05VV-F					
Cable white/coding	Length m	Part No.	P.U.	Price	
pastel blue	Code 2	1.0	G1.055.0102.7	30	
		2.0	G1.055.0202.7	20	
		3.0	G1.055.0302.7	10	
		4.0	G1.055.0402.7	10	
		5.0	G1.055.0502.7	10	
		7.0	G1.055.0702.7	5	
		10.0	G1.055.1002.7	5	
black	Code 1	1.0	G1.055.0102.1	30	
		2.0	G1.055.0202.1	20	
		3.0	G1.055.0302.1	10	
		4.0	G1.055.0402.1	10	
		5.0	G1.055.0502.1	10	
		7.0	G1.055.0702.1	5	
		10.0	G1.055.1002.1	5	



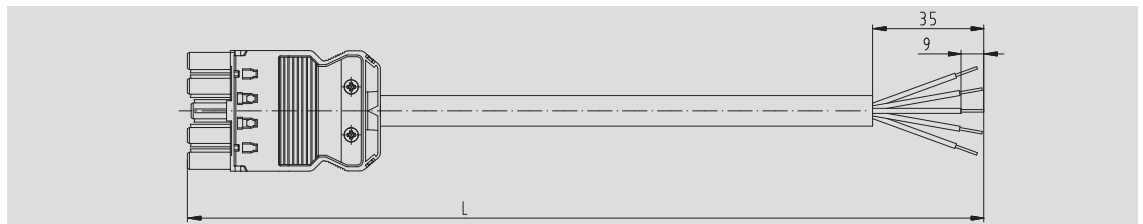
Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = WH
 3 = RD



Power 250 V:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST 18i5 cable assemblies.

Connection cables female – free end
 Wire ends ultrasonically welded



Cable H05VV-F					
Cable white/coding	Length m	Part No.	P.U.	Price	
pastel blue	Code 2	1.0	G1.355.0102.7	30	
		2.0	G1.355.0202.7	20	
		3.0	G1.355.0302.7	10	
		4.0	G1.355.0402.7	10	
		5.0	G1.355.0502.7	10	
		7.0	G1.355.0702.7	5	
		10.0	G1.355.1002.7	5	
black	Code 1	1.0	G1.355.0102.1	30	
		2.0	G1.355.0202.1	20	
		3.0	G1.355.0302.1	10	
		4.0	G1.355.0402.1	10	
		5.0	G1.355.0502.1	10	
		7.0	G1.355.0702.1	5	
		10.0	G1.355.1002.1	5	



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = WH
 D1 = RD



Power 250 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST 18i5 cable assemblies.

Other cables, other lengths, other codings on request



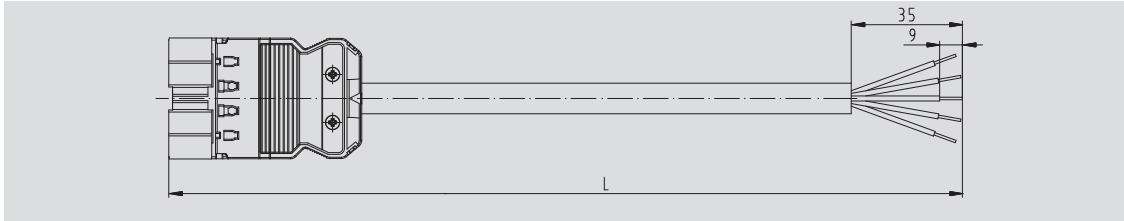
Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable H05VV-F					
Cable white/coding	Length m	Part No.	P.U.	Price	
pastel blue	Code 2	1.0	G1.455.0102.7	30	
		2.0	G1.455.0202.7	20	
		3.0	G1.455.0302.7	10	
		4.0	G1.455.0402.7	10	
		5.0	G1.455.0502.7	10	
		7.0	G1.455.0702.7	5	
		10.0	G1.455.1002.7	5	



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = WH
 D1 = RD

Cable white/coding	Length m	Part No.	P.U.	Price	
black	Code 1	1.0	G1.455.0102.1	30	
		2.0	G1.455.0202.1	20	
		3.0	G1.455.0302.1	10	
		4.0	G1.455.0402.1	10	
		5.0	G1.455.0502.1	10	
		7.0	G1.455.0702.1	5	
		10.0	G1.455.1002.1	5	



Power 250 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST 18i5 cable assemblies.



Other cables, other lengths, other codings on request

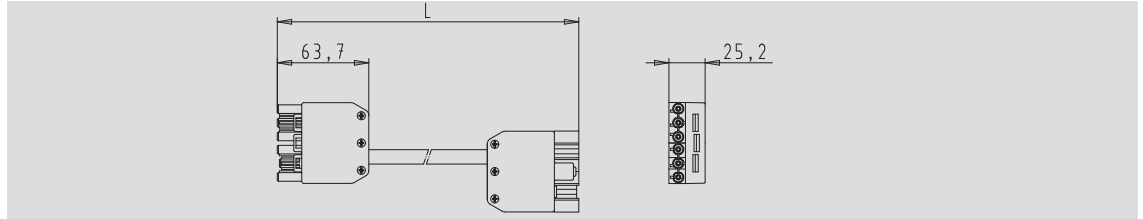
Cable assemblies, 6 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 11.2 mm

Cable material, LSOH as per BS7211:
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable LSOH as per BS7211

Cable white/coding	Length m	Part No.	P.U.	Price
black/ pastel blue	1.0			
	2.0	G1.066.0202.7		
	3.0	G1.066.0302.7		
	4.0	G1.066.0402.7		
	5.0	G1.066.0502.7		
	6.0	G1.066.0602.7		
	7.0	G1.066.0702.7		
	10.0	G1.066.1002.7		

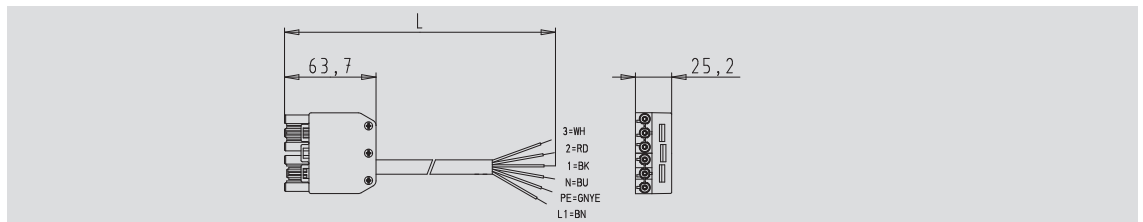


Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WH

Replace the last digit with 0 to order cable assemblies in black/gray coding.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.

Connection cables female – free end
 Wire ends ultrasonically welded



Cable LSOH as per BS7211

Cable white/coding	Length m	Part No.	P.U.	Price
black/ pastel blue	1.0			
	2.0	G1.366.0202.7		
	3.0	G1.366.0302.7		
	4.0	G1.366.0402.7		
	5.0	G1.366.0502.7		
	6.0	G1.366.0602.7		
	7.0	G1.366.0702.7		
	10.0	G1.366.1002.7		



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WH

Replace the last digit with 0 to order cable assemblies in black/gray coding.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.



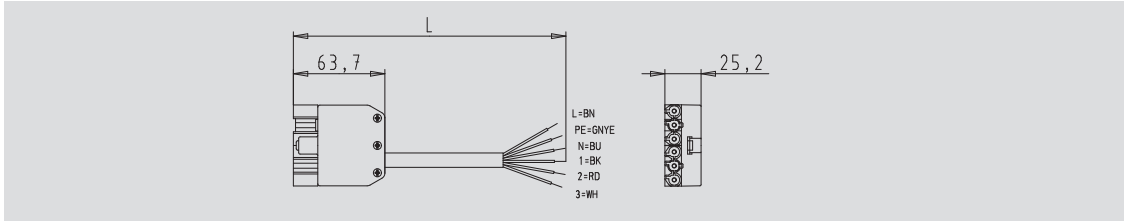
Cable assemblies, 6 pole, 1.5 mm² 2.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 11.2 mm

Cable material, LSOH as per BS7211: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable LSOH as per BS7211

Cable white/coding	Length m	Part No.	P.U.	Price
black/ pastel blue	1.0			
	2.0	G1.466.0202.7		
	3.0	G1.466.0302.7		
	4.0	G1.466.0402.7		
	5.0	G1.466.0502.7		
	6.0	G1.466.0602.7		
	7.0	G1.466.0702.7		
	10.0	G1.466.1002.7		

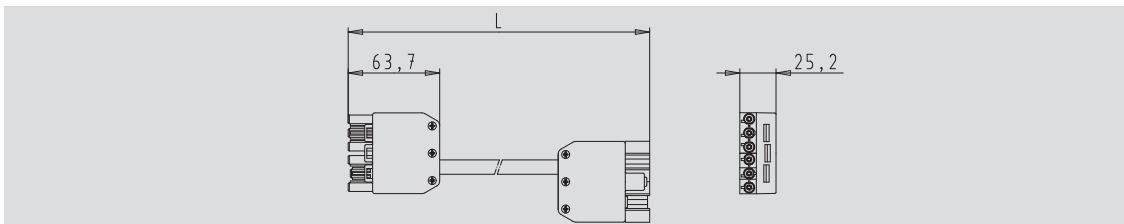


Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WH

Replace the last digit with 0 to order cable assemblies in black/gray coding.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.

Connecting cables female – male 2.5 mm²



Cable LSOH as per BS7211

Cable white/coding	Length m	Part No.	P.U.	Price
black/black	1.0			
	2.0	G1.063.0203.1		
	3.0	G1.063.0303.1		
	4.0	G1.063.0403.1		
	5.0	G1.063.0503.1		
	6.0	G1.063.0603.1		
	7.0	G1.063.0703.1		
	10.0	G1.063.1003.1		



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WH

Replace the last digit with 0 to order cable assemblies in black/gray coding.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.



Other cables, other lengths, other codings on request



Spain



More information
<http://eshop.wieland-electric.com>



Pre-assembled cables, 3 pole, 1.5 mm²



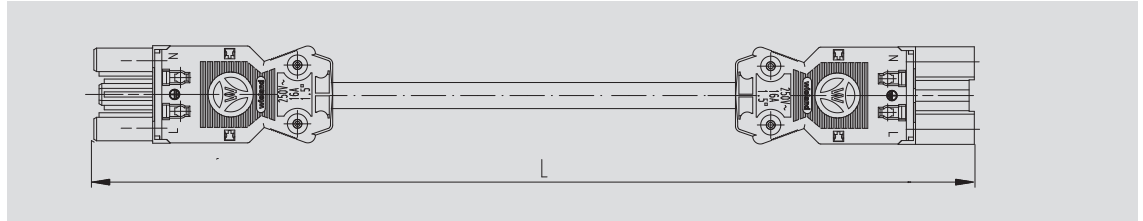
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G1.5: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN



Cable RZ1 0.6/1kV 3G1.5

Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.232.1060.1	50	
		2.0	G2.232.2060.1	25	
		3.0	G2.232.3060.1	20	
		4.0	G2.232.4060.1	15	
		5.0	G2.232.5060.1	10	
		6.0	G2.232.6060.1	10	
		7.0	G2.232.7060.1	10	
		8.0	G2.232.8060.1	10	

Cable RZ1 0.6/1kV 3G1.5

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1 L, PE, N	1.0	G2.232.1060.2	50	
		2.0	G2.232.2060.2	25	
		3.0	G2.232.3060.2	20	
		4.0	G2.232.4060.2	15	
		5.0	G2.232.5060.2	10	
		6.0	G2.232.6060.2	10	
		7.0	G2.232.7060.2	10	
		8.0	G2.232.8060.2	5	

Cable RZ1 0.6/1kV 3G1.5

Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.232.1060.7	50	
		2.0	G2.232.2060.7	25	
		3.0	G2.232.3060.7	20	
		4.0	G2.232.4060.7	15	
		5.0	G2.232.5060.7	10	
		6.0	G2.232.6060.7	10	
		7.0	G2.232.7060.7	10	
		8.0	G2.232.8060.7	5	

Other cables, other lengths, other codings on request



Pre-assembled cables, 3 pole, 1.5 mm²

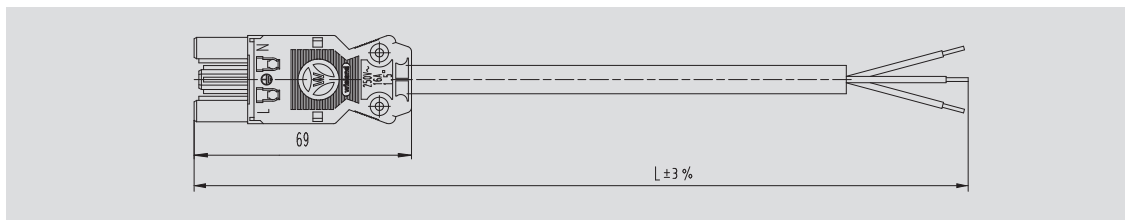


Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G1.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable **RZ1 0.6/1kV 3G1.5**

Cable color black/coding	Length m	Part No.	P.U.	Price
black	1.0	G2.232.1063.1	50	
	2.0	G2.232.2063.1	25	
	3.0	G2.232.3063.1	20	
	4.0	G2.232.4063.1	15	
	5.0	G2.232.5063.1	10	
	6.0	G2.232.6063.1	10	
	7.0	G2.232.7063.1	8	
	8.0	G2.232.8063.1	8	

Cable **RZ1 0.6/1kV 3G1.5**

Cable color white/coding	Length m	Part No.	P.U.	Price
white	1.0	G2.232.1063.2	50	
	2.0	G2.232.2063.2	25	
	3.0	G2.232.3063.2	20	
	4.0	G2.232.4063.2	15	
	5.0	G2.232.5063.2	10	
	6.0	G2.232.6063.2	10	
	7.0	G2.232.7063.2	8	
	8.0	G2.232.8063.2	8	

Cable **RZ1 0.6/1kV 3G1.5**

Cable color green/coding	Length m	Part No.	P.U.	Price
black	1.0	G2.232.1063.7	50	
	2.0	G2.232.2063.7	25	
	3.0	G2.232.3063.7	20	
	4.0	G2.232.4063.7	15	
	5.0	G2.232.5063.7	10	
	6.0	G2.232.6063.7	10	
	7.0	G2.232.7063.7	8	
	8.0	G2.232.8063.7	8	



GST18i3



Other cables, other lengths, other codings on request

Pre-assembled cables, 3 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

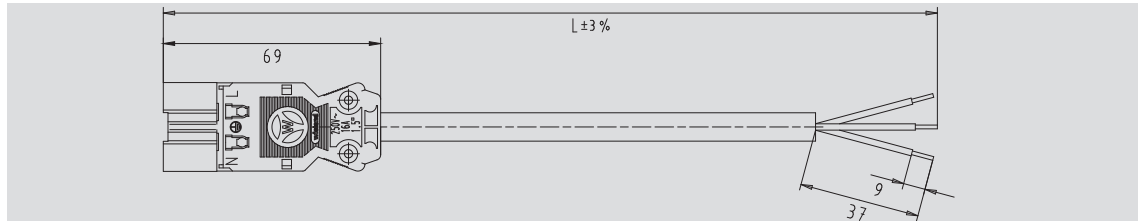
Cable material, RZ1 0.6/1kV 3G1.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable RZ1 0.6/1kV 3G1.5

Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.232.1064.1	50	
		2.0	G2.232.2064.1	25	
		3.0	G2.232.3064.1	25	
		4.0	G2.232.4064.1	15	
		5.0	G2.232.5064.1	10	
		6.0	G2.232.6064.1	10	
		7.0	G2.232.7064.1	10	
		8.0	G2.232.8064.1	10	

Cable RZ1 0.6/1kV 3G1.5

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1 L, PE, N	1.0	G2.232.1064.2	50	
		2.0	G2.232.2064.2	25	
		3.0	G2.232.3064.2	25	
		4.0	G2.232.4064.2	15	
		5.0	G2.232.5064.2	10	
		6.0	G2.232.6064.2	10	
		7.0	G2.232.7064.2	10	
		8.0	G2.232.8064.2	10	

Cable RZ1 0.6/1kV 3G1.5

Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.232.1064.7	50	
		2.0	G2.232.2064.7	25	
		3.0	G2.232.3064.7	25	
		4.0	G2.232.4064.7	15	
		5.0	G2.232.5064.7	10	
		6.0	G2.232.6064.7	10	
		7.0	G2.232.7064.7	10	
		8.0	G2.232.8064.7	10	

Other cables, other lengths, other codings on request



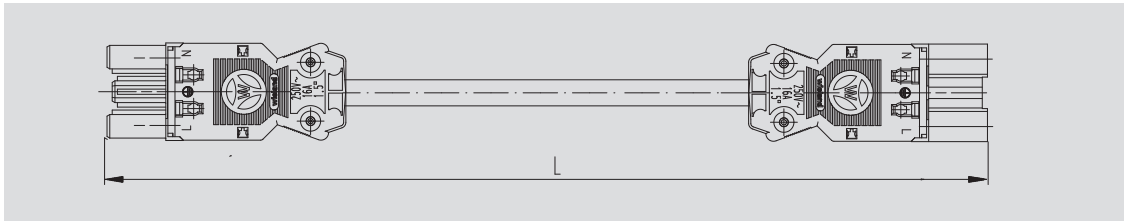
Pre-assembled cables, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G2.5: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

Cable RZ1 0.6/1kV 3G2.5

Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.238.1060.1	40	
		2.0	G2.238.2060.1	15	
		3.0	G2.238.3060.1	15	
		4.0	G2.238.4060.1	10	
		5.0	G2.238.5060.1	10	
		6.0	G2.238.6060.1	8	
		7.0	G2.238.7060.1	5	
		8.0	G2.238.8060.1	5	

Cable RZ1 0.6/1kV 3G2.5

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1 L, PE, N	1.0	G2.238.1060.2	40	
		2.0	G2.238.2060.2	25	
		3.0	G2.238.3060.2	15	
		4.0	G2.238.4060.2	10	
		5.0	G2.238.5060.2	10	
		6.0	G2.238.6060.2	8	
		7.0	G2.238.7060.2	5	
		8.0	G2.238.8060.2	5	

Cable RZ1 0.6/1kV 3G2.5

Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.238.1060.7	40	
		2.0	G2.238.2060.7	15	
		3.0	G2.238.3060.7	20	
		4.0	G2.238.4060.7	10	
		5.0	G2.238.5060.7	10	
		6.0	G2.238.6060.7	8	
		7.0	G2.238.7060.7	5	
		8.0	G2.238.8060.7	5	



GST18i3



Other cables, other lengths, other codings on request

Pre-assembled cables, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

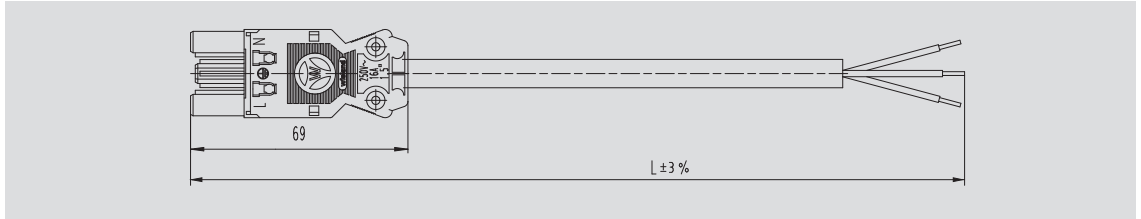
Cable material, RZ1 0.6/1kV 3G2.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable RZ1 0.6/1kV 3G2.5

Cable color black/coding	Length m	Part No.	P.U.	Price	
black	Code 1 N, PE, L	1.0	G2.238.1063.1	50	
		2.0	G2.238.2063.1	25	
		3.0	G2.238.3063.1	20	
		4.0	G2.238.4063.1	15	
		5.0	G2.238.5063.1	10	
		6.0	G2.238.6063.1	10	
		7.0	G2.238.7063.1	5	
		8.0	G2.238.8063.1	5	

Cable RZ1 0.6/1kV 3G2.5

Cable color white/coding	Length m	Part No.	P.U.	Price	
white	Code 1 N, PE, L	1.0	G2.238.1063.2	50	
		2.0	G2.238.2063.2	25	
		3.0	G2.238.3063.2	20	
		4.0	G2.238.4063.2	15	
		5.0	G2.238.5063.2	10	
		6.0	G2.238.6063.2	10	
		7.0	G2.238.7063.2	5	
		8.0	G2.238.8063.2	5	

Cable RZ1 0.6/1kV 3G2.5

Cable color green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 N, PE, L	1.0	G2.238.1063.7	50	
		2.0	G2.238.2063.7	25	
		3.0	G2.238.3063.7	20	
		4.0	G2.238.4063.7	15	
		5.0	G2.238.5063.7	10	
		6.0	G2.238.6063.7	10	
		7.0	G2.238.7063.7	5	
		8.0	G2.238.8063.7	5	

Other cables, other lengths, other codings on request



Pre-assembled cables, 3 pole, 2.5 mm²

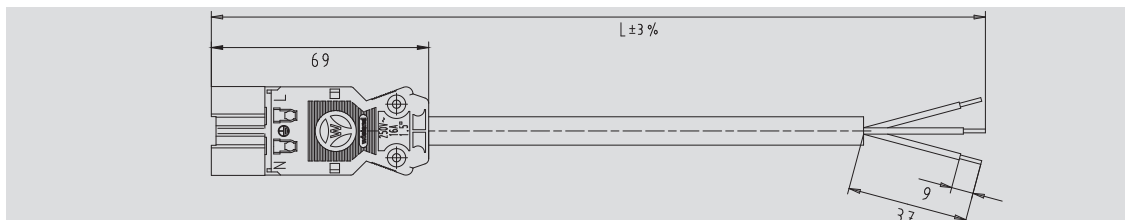


Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G2.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable RZ1 0.6/1kV 3G2.5

Cable black/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.238.1064.1	50	
		2.0	G2.238.2064.1	25	
		3.0	G2.238.3064.1	20	
		4.0	G2.238.4064.1	10	
		5.0	G2.238.5064.1	10	
		6.0	G2.238.6064.1	8	
		7.0	G2.238.7064.1	5	
		8.0	G2.238.8064.1	5	

Cable RZ1 0.6/1kV 3G2.5

Cable white/coding	Length m	Part No.	P.U.	Price	
white	Code 1 L, PE, N	1.0	G2.238.1064.2	50	
		2.0	G2.238.2064.2	50	
		3.0	G2.238.3064.2	25	
		4.0	G2.238.4064.2	10	
		5.0	G2.238.5064.2	20	
		6.0	G2.238.6064.2	8	
		7.0	G2.238.7064.2	5	
		8.0	G2.238.8064.2	5	

Cable RZ1 0.6/1kV 3G2.5

Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	G2.238.1064.7	50	
		2.0	G2.238.2064.7	25	
		3.0	G2.238.3064.7	25	
		4.0	G2.238.4064.7	10	
		5.0	G2.238.5064.7	10	
		6.0	G2.238.6064.7	8	
		7.0	G2.238.7064.7	5	
		8.0	G2.238.8064.7	5	



GST18i3



Other cables, other lengths, other codings on request



Italy



e-Shop

More information
<http://eshop.wieland-electric.com>

OOY

Cable assemblies, 3 pole, 1.5 mm²



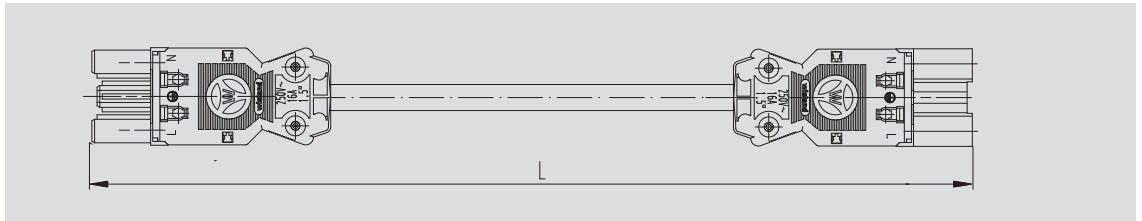
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/VE
 N = BU
 L = BN



Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 N, PE, L L, PE, N	1.0	34.524.6603.1		
		2.0	34.524.6605.1		
		3.0	34.524.6607.1		
		4.0	34.524.6609.1		
		5.0	34.524.6611.1		
		6.0	34.524.6613.1		
		7.0	34.524.6615.1		
		8.0	34.524.6617.1		
		9.0	34.524.6619.1		
		10.0	34.524.6621.1		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 N, PE, L L, PE, N	1.0	34.524.6603.0		
		2.0	34.524.6605.0		
		3.0	34.524.6607.0		
		4.0	34.524.6609.0		
		5.0	34.524.6611.0		
		6.0	34.524.6613.0		
		7.0	34.524.6615.0		
		8.0	34.524.6617.0		
		9.0	34.524.6619.0		
		10.0	34.524.6621.0		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 2 N, PE, L L, PE, N	1.0	34.524.6603.3		
		2.0	34.524.6605.3		
		3.0	34.524.6607.3		
		4.0	34.524.6609.3		
		5.0	34.524.6611.3		
		6.0	34.524.6613.3		
		7.0	34.524.6615.3		
		8.0	34.524.6617.3		
		9.0	34.524.6619.3		
		10.0	34.524.6621.3		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
salmon red	Code 3 N, PE, L L, PE, N	1.0	34.524.6603.5		
		2.0	34.524.6605.5		
		3.0	34.524.6607.5		
		4.0	34.524.6609.5		
		5.0	34.524.6611.5		
		6.0	34.524.6613.5		
		7.0	34.524.6615.5		
		8.0	34.524.6617.5		
		9.0	34.524.6619.5		
		10.0	34.524.6621.5		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
brown	Code 4 3/L, 2/N, 1 1, 2/N, 3/L	1.0	34.524.6603.4		
		2.0	34.524.6605.4		
		3.0	34.524.6607.4		
		4.0	34.524.6609.4		
		5.0	34.524.6611.4		
		6.0	34.524.6613.4		
		7.0	34.524.6615.4		
		8.0	34.524.6617.4		
		9.0	34.524.6619.4		
		10.0	34.524.6621.4		

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

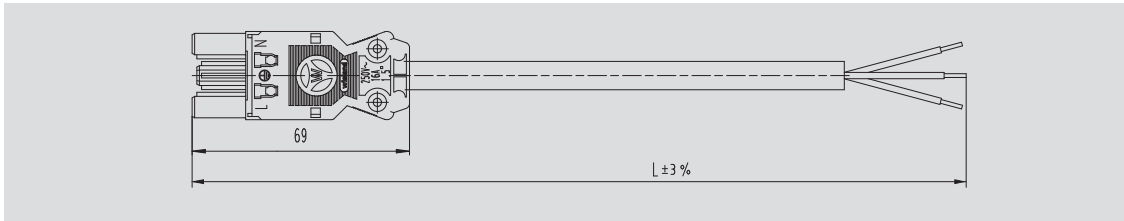


Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
black	Code 1 N, PE, L	1.0	34.524.6633.1		
		2.0	34.524.6635.1		
		3.0	34.524.6637.1		
		4.0	34.524.6639.1		
		5.0	34.524.6641.1		
		6.0	34.524.6643.1		
		7.0	34.524.6645.1		
		8.0	34.524.6647.1		
		9.0	34.524.6649.1		
		10.0	34.524.6651.1		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
white	Code 1 N, PE, L	1.0	34.524.6633.0		
		2.0	34.524.6635.0		
		3.0	34.524.6637.0		
		4.0	34.524.6639.0		
		5.0	34.524.6641.0		
		6.0	34.524.6643.0		
		7.0	34.524.6645.0		
		8.0	34.524.6647.0		
		9.0	34.524.6649.0		
		10.0	34.524.6651.0		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
pebble gray	Code 2 N, PE, L	1.0	34.524.6633.3		
		2.0	34.524.6635.3		
		3.0	34.524.6637.3		
		4.0	34.524.6639.3		
		5.0	34.524.6641.3		
		6.0	34.524.6643.3		
		7.0	34.524.6645.3		
		8.0	34.524.6647.3		
		9.0	34.524.6649.3		
		10.0	34.524.6651.3		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
salmon red	Code 3 N, PE, L	1.0	34.524.6633.5		
		2.0	34.524.6635.5		
		3.0	34.524.6637.5		
		4.0	34.524.6639.5		
		5.0	34.524.6641.5		
		6.0	34.524.6643.5		
		7.0	34.524.6645.5		
		8.0	34.524.6647.5		
		9.0	34.524.6649.5		
		10.0	34.524.6651.5		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
brown	Code 4 3/L, 2/N, 1	1.0	34.524.6633.4		
		2.0	34.524.6635.4		
		3.0	34.524.6637.4		
		4.0	34.524.6639.4		
		5.0	34.524.6641.4		
		6.0	34.524.6643.4		
		7.0	34.524.6645.4		
		8.0	34.524.6647.4		
		9.0	34.524.6649.4		
		10.0	34.524.6651.4		



GST18i3

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

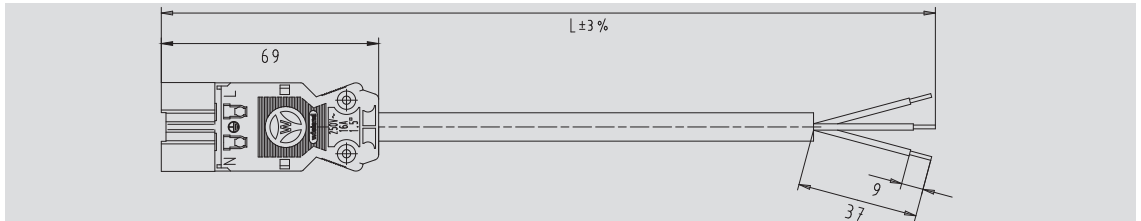
Cable material, FTG10(0)M1 0.6/1kV LSOH
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 L, PE, N	1.0	34.524.6663.1		
		2.0	34.524.6665.1		
		3.0	34.524.6667.1		
		4.0	34.524.6669.1		
		5.0	34.524.6671.1		
		6.0	34.524.6673.1		
		7.0	34.524.6675.1		
		8.0	34.524.6677.1		
		9.0	34.524.6679.1		
		10.0	34.524.6681.1		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 L, PE, N	1.0	34.524.6663.0		
		2.0	34.524.6665.0		
		3.0	34.524.6667.0		
		4.0	34.524.6669.0		
		5.0	34.524.6671.0		
		6.0	34.524.6673.0		
		7.0	34.524.6675.0		
		8.0	34.524.6677.0		
		9.0	34.524.6679.0		
		10.0	34.524.6681.0		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 2 L, PE, N	1.0	34.524.6663.3		
		2.0	34.524.6665.3		
		3.0	34.524.6667.3		
		4.0	34.524.6669.3		
		5.0	34.524.6671.3		
		6.0	34.524.6673.3		
		7.0	34.524.6675.3		
		8.0	34.524.6677.3		
		9.0	34.524.6679.3		
		10.0	34.524.6681.3		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
salmon red	Code 3 L, PE, N	1.0	34.524.6663.5		
		2.0	34.524.6665.5		
		3.0	34.524.6667.5		
		4.0	34.524.6669.5		
		5.0	34.524.6671.5		
		6.0	34.524.6673.5		
		7.0	34.524.6675.5		
		8.0	34.524.6677.5		
		9.0	34.524.6679.5		
		10.0	34.524.6681.5		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
brown	Code 4 1, 2/N, 3/L	1.0	34.524.6663.4		
		2.0	34.524.6665.4		
		3.0	34.524.6667.4		
		4.0	34.524.6669.4		
		5.0	34.524.6671.4		
		6.0	34.524.6673.4		
		7.0	34.524.6675.4		
		8.0	34.524.6677.4		
		9.0	34.524.6679.4		
		10.0	34.524.6681.4		

Other cables, other lengths, other codings on request

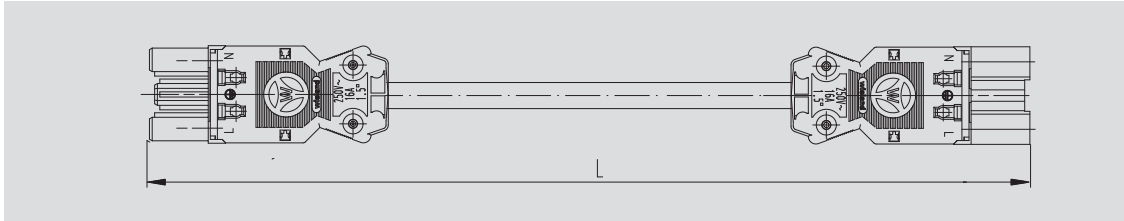
Cable assemblies, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price
black	1.0	34.524.6703.1		
	2.0	34.524.6705.1		
	3.0	34.524.6707.1		
	4.0	34.524.6709.1		
	5.0	34.524.6711.1		
	6.0	34.524.6713.1		
	7.0	34.524.6715.1		
	8.0	34.524.6717.1		
	9.0	34.524.6719.1		
	10.0	34.524.6721.1		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price
white	1.0	34.524.6703.0		
	2.0	34.524.6705.0		
	3.0	34.524.6707.0		
	4.0	34.524.6709.0		
	5.0	34.524.6711.0		
	6.0	34.524.6713.0		
	7.0	34.524.6715.0		
	8.0	34.524.6717.0		
	9.0	34.524.6719.0		
	10.0	34.524.6721.0		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price
pebble gray	1.0	34.524.6703.3		
	2.0	34.524.6705.3		
	3.0	34.524.6707.3		
	4.0	34.524.6709.3		
	5.0	34.524.6711.3		
	6.0	34.524.6713.3		
	7.0	34.524.6715.3		
	8.0	34.524.6717.3		
	9.0	34.524.6719.3		
	10.0	34.524.6721.3		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price
salmon red	1.0	34.524.6703.5		
	2.0	34.524.6705.5		
	3.0	34.524.6707.5		
	4.0	34.524.6709.5		
	5.0	34.524.6711.5		
	6.0	34.524.6713.5		
	7.0	34.524.6715.5		
	8.0	34.524.6717.5		
	9.0	34.524.6719.5		
	10.0	34.524.6721.5		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price
brown	1.0	34.524.6703.4		
	2.0	34.524.6705.4		
	3.0	34.524.6707.4		
	4.0	34.524.6709.4		
	5.0	34.524.6711.4		
	6.0	34.524.6713.4		
	7.0	34.524.6715.4		
	8.0	34.524.6717.4		
	9.0	34.524.6719.4		
	10.0	34.524.6721.4		



GST18i3

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

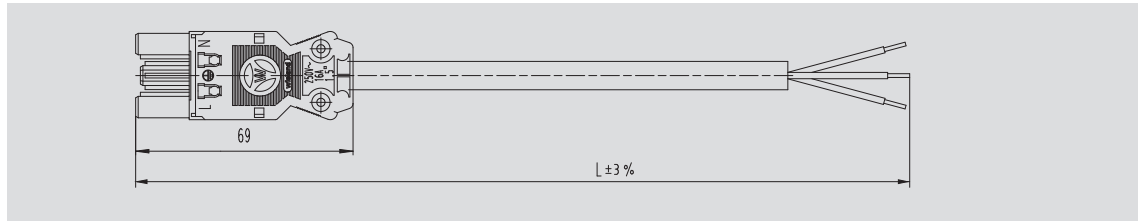
Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 N, PE, L	1.0	34.524.6733.1		
		2.0	34.524.6735.1		
		3.0	34.524.6737.1		
		4.0	34.524.6739.1		
		5.0	34.524.6741.1		
		6.0	34.524.6743.1		
		7.0	34.524.6745.1		
		8.0	34.524.6747.1		
		9.0	34.524.6749.1		
		10.0	34.524.6751.1		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 N, PE, L	1.0	34.524.6733.0		
		2.0	34.524.6735.0		
		3.0	34.524.6737.0		
		4.0	34.524.6739.0		
		5.0	34.524.6741.0		
		6.0	34.524.6743.0		
		7.0	34.524.6745.0		
		8.0	34.524.6747.0		
		9.0	34.524.6749.0		
		10.0	34.524.6751.0		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 2 N, PE, L	1.0	34.524.6733.3		
		2.0	34.524.6735.3		
		3.0	34.524.6737.3		
		4.0	34.524.6739.3		
		5.0	34.524.6741.3		
		6.0	34.524.6743.3		
		7.0	34.524.6745.3		
		8.0	34.524.6747.3		
		9.0	34.524.6749.3		
		10.0	34.524.6751.3		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
salmon red	Code 3 N, PE, L	1.0	34.524.6733.5		
		2.0	34.524.6735.5		
		3.0	34.524.6737.5		
		4.0	34.524.6739.5		
		5.0	34.524.6741.5		
		6.0	34.524.6743.5		
		7.0	34.524.6745.5		
		8.0	34.524.6747.5		
		9.0	34.524.6749.5		
		10.0	34.524.6751.5		

Cable **FTG10(0)M1 0.6/1kV LSOH**

Cable green/coding	Length m	Part No.	P.U.	Price	
brown	Code 4 3/L, 2/N, 1	1.0	34.524.6733.4		
		2.0	34.524.6735.4		
		3.0	34.524.6737.4		
		4.0	34.524.6739.4		
		5.0	34.524.6741.4		
		6.0	34.524.6743.4		
		7.0	34.524.6745.4		
		8.0	34.524.6747.4		
		9.0	34.524.6749.4		
		10.0	34.524.6751.4		

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

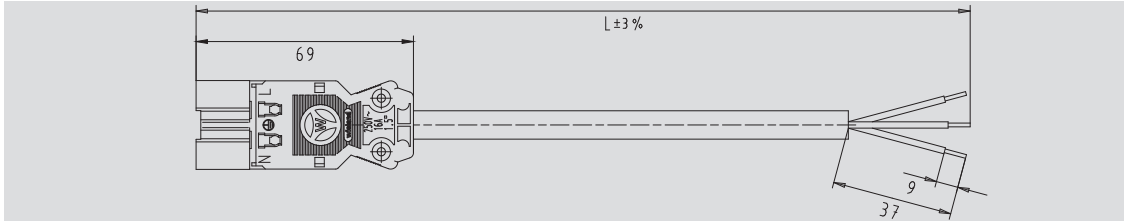


Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
black	Code 1 L, PE, N	1.0	34.524.6763.1		
		2.0	34.524.6765.1		
		3.0	34.524.6767.1		
		4.0	34.524.6769.1		
		5.0	34.524.6771.1		
		6.0	34.524.6773.1		
		7.0	34.524.6775.1		
		8.0	34.524.6777.1		
		9.0	34.524.6779.1		
		10.0	34.524.6781.1		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
white	Code 1 L, PE, N	1.0	34.524.6763.0		
		2.0	34.524.6765.0		
		3.0	34.524.6767.0		
		4.0	34.524.6769.0		
		5.0	34.524.6771.0		
		6.0	34.524.6773.0		
		7.0	34.524.6775.0		
		8.0	34.524.6777.0		
		9.0	34.524.6779.0		
		10.0	34.524.6781.0		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
pebble gray	Code 2 L, PE, N	1.0	34.524.6763.3		
		2.0	34.524.6765.3		
		3.0	34.524.6767.3		
		4.0	34.524.6769.3		
		5.0	34.524.6771.3		
		6.0	34.524.6773.3		
		7.0	34.524.6775.3		
		8.0	34.524.6777.3		
		9.0	34.524.6779.3		
		10.0	34.524.6781.3		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
salmon red	Code 3 L, PE, N	1.0	34.524.6763.5		
		2.0	34.524.6765.5		
		3.0	34.524.6767.5		
		4.0	34.524.6769.5		
		5.0	34.524.6771.5		
		6.0	34.524.6773.5		
		7.0	34.524.6775.5		
		8.0	34.524.6777.5		
		9.0	34.524.6779.5		
		10.0	34.524.6781.5		

Cable FTG10(0)M1 0.6/1kV LSOH

Cable green/coding	Length m	Part No. FG70M1	P.U.	Price	
brown	Code 4 1, 2/N, 3/L	1.0	34.524.6763.4		
		2.0	34.524.6765.4		
		3.0	34.524.6767.4		
		4.0	34.524.6769.4		
		5.0	34.524.6771.4		
		6.0	34.524.6773.4		
		7.0	34.524.6775.4		
		8.0	34.524.6777.4		
		9.0	34.524.6779.4		
		10.0	34.524.6781.4		



GST18i3

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

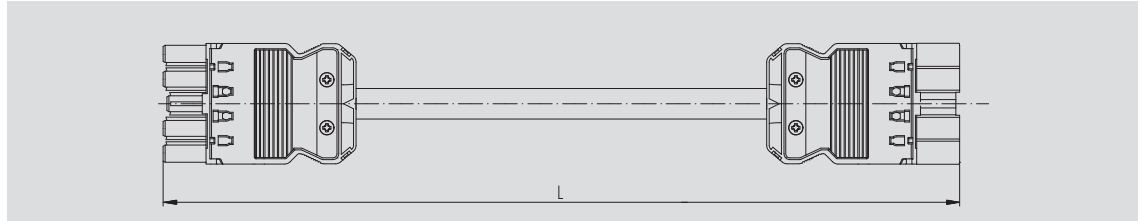
Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 3, N, PE, 2, 1 1, 2, PE, N, 3	1.0	34.532.3603.1		
		2.0	34.532.3605.1		
		3.0	34.532.3607.1		
		4.0	34.532.3609.1		
		5.0	34.532.3611.1		
		6.0	34.532.3613.1		
		7.0	34.532.3615.1		
		8.0	34.532.3617.1		
		9.0	34.532.3619.1		
		10.0	34.532.3621.1		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 3, N, PE, 2, 1 1, 2, PE, N, 3	1.0	34.532.3603.0		
		2.0	34.532.3605.0		
		3.0	34.532.3607.0		
		4.0	34.532.3609.0		
		5.0	34.532.3611.0		
		6.0	34.532.3613.0		
		7.0	34.532.3615.0		
		8.0	34.532.3617.0		
		9.0	34.532.3619.0		
		10.0	34.532.3621.0		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 3 3, N, PE, 2, 1 1, 2, PE, N, 3	1.0	34.532.3603.3		
		2.0	34.532.3605.3		
		3.0	34.532.3607.3		
		4.0	34.532.3609.3		
		5.0	34.532.3611.3		
		6.0	34.532.3613.3		
		7.0	34.532.3615.3		
		8.0	34.532.3617.3		
		9.0	34.532.3619.3		
		10.0	34.532.3621.3		

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

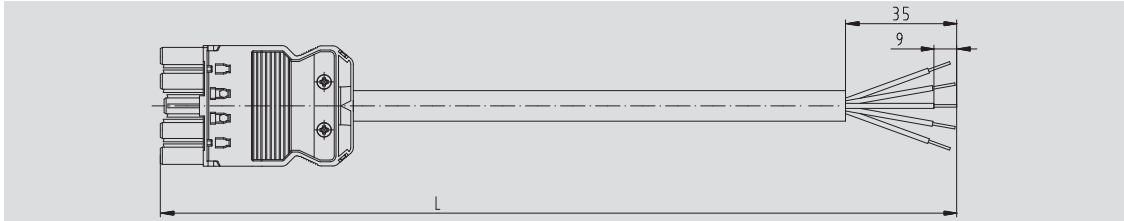
Connection cables female – free end

Wire ends ultrasonically welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 3, N, PE, 2, 1	1.0	34.532.3633.1		
		2.0	34.532.3635.1		
		3.0	34.532.3637.1		
		4.0	34.532.3639.1		
		5.0	34.532.3641.1		
		6.0	34.532.3643.1		
		7.0	34.532.3645.1		
		8.0	34.532.3647.1		
		9.0	34.532.3649.1		
		10.0	34.532.3651.1		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 3, N, PE, 2, 1	1.0	34.532.3633.0		
		2.0	34.532.3635.0		
		3.0	34.532.3637.0		
		4.0	34.532.3639.0		
		5.0	34.532.3641.0		
		6.0	34.532.3643.0		
		7.0	34.532.3645.0		
		8.0	34.532.3647.0		
		9.0	34.532.3649.0		
		10.0	34.532.3651.0		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 3 3, N, PE, 2, 1	1.0	34.532.3633.3		
		2.0	34.532.3635.3		
		3.0	34.532.3637.3		
		4.0	34.532.3639.3		
		5.0	34.532.3641.3		
		6.0	34.532.3643.3		
		7.0	34.532.3645.3		
		8.0	34.532.3647.3		
		9.0	34.532.3649.3		
		10.0	34.532.3651.3		



GST18i5

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

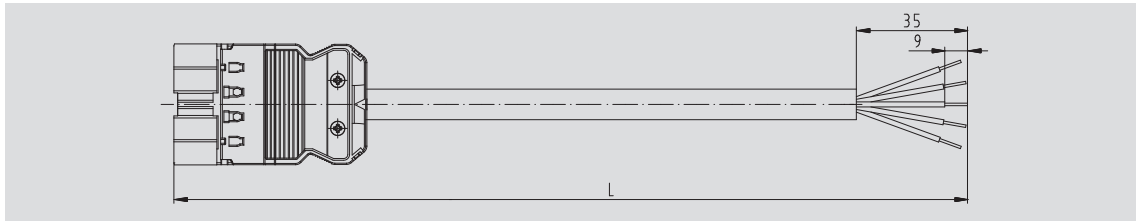
Connection cable male – free end

Wire ends ultrasonically welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 1, 2, PE, N, 3	1.0	34.532.3663.1		
		2.0	34.532.3665.1		
		3.0	34.532.3667.1		
		4.0	34.532.3669.1		
		5.0	34.532.3671.1		
		6.0	34.532.3673.1		
		7.0	34.532.3675.1		
		8.0	34.532.3677.1		
		9.0	34.532.3679.1		
		10.0	34.532.3681.1		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 1, 2, PE, N, 3	1.0	34.532.3663.0		
		2.0	34.532.3665.0		
		3.0	34.532.3667.0		
		4.0	34.532.3669.0		
		5.0	34.532.3671.0		
		6.0	34.532.3673.0		
		7.0	34.532.3675.0		
		8.0	34.532.3677.0		
		9.0	34.532.3679.0		
		10.0	34.532.3681.0		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 3 1, 2, PE, N, 3	1.0	34.532.3663.3		
		2.0	34.532.3665.3		
		3.0	34.532.3667.3		
		4.0	34.532.3669.3		
		5.0	34.532.3671.3		
		6.0	34.532.3673.3		
		7.0	34.532.3675.3		
		8.0	34.532.3677.3		
		9.0	34.532.3679.3		
		10.0	34.532.3681.3		

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

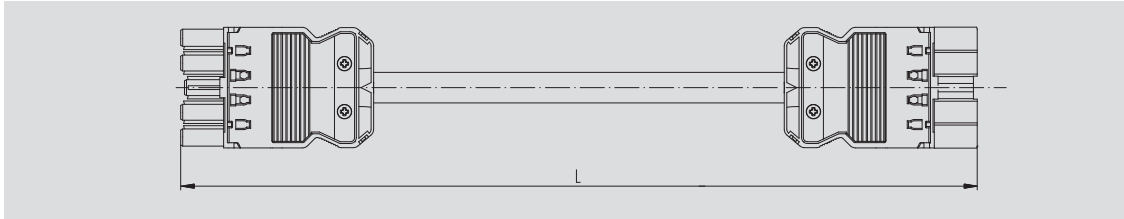
Halogen-free

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 3, N, PE, 2, 1 1, 2, PE, N, 3	1.0	34.532.3703.1		
		2.0	34.532.3705.1		
		3.0	34.532.3707.1		
		4.0	34.532.3709.1		
		5.0	34.532.3711.1		
		6.0	34.532.3713.1		
		7.0	34.532.3715.1		
		8.0	34.532.3717.1		
		9.0	34.532.3719.1		
		10.0	34.532.3721.1		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 3, N, PE, 2, 1 1, 2, PE, N, 3	1.0	34.532.3703.0		
		2.0	34.532.3705.0		
		3.0	34.532.3707.0		
		4.0	34.532.3709.0		
		5.0	34.532.3711.0		
		6.0	34.532.3713.0		
		7.0	34.532.3715.0		
		8.0	34.532.3717.0		
		9.0	34.532.3719.0		
		10.0	34.532.3721.0		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 3 3, N, PE, 2, 1 1, 2, PE, N, 3	1.0	34.532.3703.3		
		2.0	34.532.3705.3		
		3.0	34.532.3707.3		
		4.0	34.532.3709.3		
		5.0	34.532.3711.3		
		6.0	34.532.3713.3		
		7.0	34.532.3715.3		
		8.0	34.532.3717.3		
		9.0	34.532.3719.3		
		10.0	34.532.3721.3		



GST18i5

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(O)M1 0.6/1kV LSOH
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

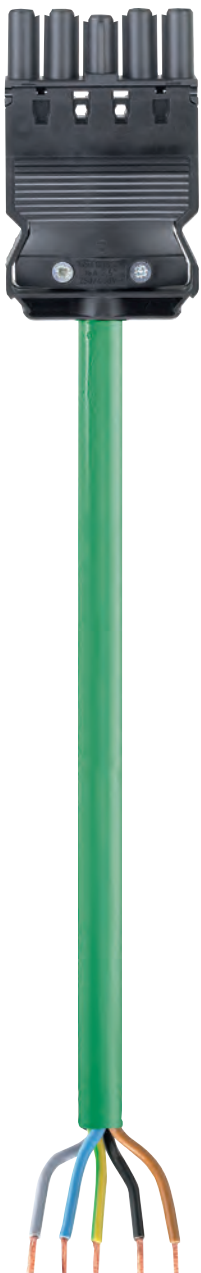
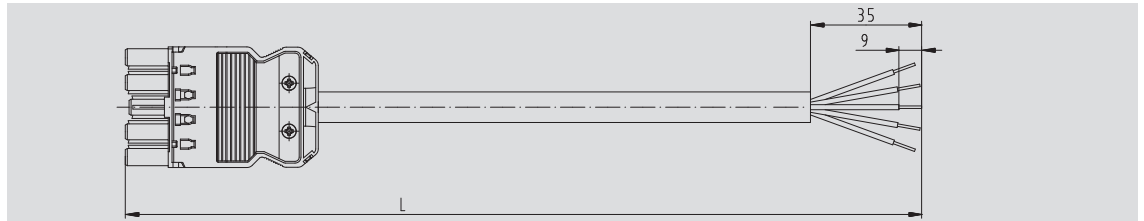
Connection cable male – free end

Wire ends ultrasonically welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable FTG10(O)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 3, N, PE, 2, 1	1.0	34.532.3733.1		
		2.0	34.532.3735.1		
		3.0	34.532.3737.1		
		4.0	34.532.3739.1		
		5.0	34.532.3741.1		
		6.0	34.532.3743.1		
		7.0	34.532.3745.1		
		8.0	34.532.3747.1		
		9.0	34.532.3749.1		
		10.0	34.532.3751.1		

Cable FTG10(O)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 3, N, PE, 2, 1	1.0	34.532.3733.0		
		2.0	34.532.3735.0		
		3.0	34.532.3737.0		
		4.0	34.532.3739.0		
		5.0	34.532.3741.0		
		6.0	34.532.3743.0		
		7.0	34.532.3745.0		
		8.0	34.532.3747.0		
		9.0	34.532.3749.0		
		10.0	34.532.3751.0		

Cable FTG10(O)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 3 3, N, PE, 2, 1	1.0	34.532.3733.3		
		2.0	34.532.3735.3		
		3.0	34.532.3737.3		
		4.0	34.532.3739.3		
		5.0	34.532.3741.3		
		6.0	34.532.3743.3		
		7.0	34.532.3745.3		
		8.0	34.532.3747.3		
		9.0	34.532.3749.3		
		10.0	34.532.3751.3		

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

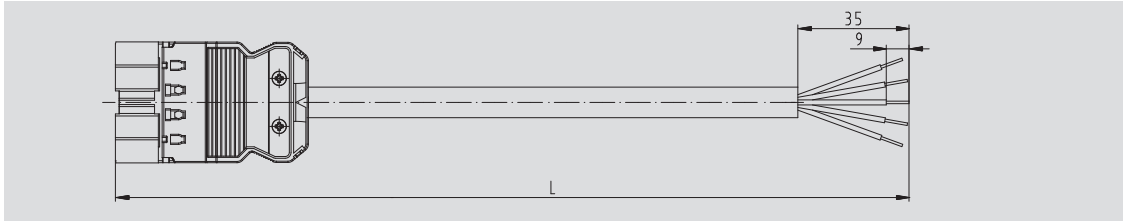
Connection cable male – free end

Wire ends ultrasonically welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
black	Code 1 1, 2, PE, N, 3	1.0	34.532.3763.1		
		2.0	34.532.3765.1		
		3.0	34.532.3767.1		
		4.0	34.532.3769.1		
		5.0	34.532.3771.1		
		6.0	34.532.3773.1		
		7.0	34.532.3775.1		
		8.0	34.532.3777.1		
		9.0	34.532.3779.1		
		10.0	34.532.3781.1		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
white	Code 1 1, 2, PE, N, 3	1.0	34.532.3763.0		
		2.0	34.532.3765.0		
		3.0	34.532.3767.0		
		4.0	34.532.3769.0		
		5.0	34.532.3771.0		
		6.0	34.532.3773.0		
		7.0	34.532.3775.0		
		8.0	34.532.3777.0		
		9.0	34.532.3779.0		
		10.0	34.532.3781.0		

Cable FTG10(0)M1 0.6/1kV LSOH					
Cable green/coding	Length m	Part No.	P.U.	Price	
pebble gray	Code 3 1, 2, PE, N, 3	1.0	34.532.3763.3		
		2.0	34.532.3765.3		
		3.0	34.532.3767.3		
		4.0	34.532.3769.3		
		5.0	34.532.3771.3		
		6.0	34.532.3773.3		
		7.0	34.532.3775.3		
		8.0	34.532.3777.3		
		9.0	34.532.3779.3		
		10.0	34.532.3781.3		



GST18i5

Other cables, other lengths, other codings on request

Definition of our numerical codes

A logical structure makes ordering easy

Our numerical code saves time and effort when ordering our cables. Your needs can be compiled quickly and efficiently, particularly in our eShop, but also using conventional means. The way it works is simple and refers to our part numbers, which have a consistent structure. Your product can be ordered in just a few steps.

Example: **92.232.3000.1**, power cable 3 G 1.5 mm², length: 3.0 m, cable PVC H05VV Configuration male – female, code 1 (power, black)

Connector system		92.	232.	30	0	0.	1
gesis MINI (GST 15)		91.					
gesis CON (GST 18)		92.					
gesis CON (BST)		94.					
gesis RST (RST)		96.					
Cable type and diameter		in connector system					
Power cable 4 G 1.5 mm ²	GST 15i4, 18i4			207.			
Power cable 4 G 2.5 mm ²	GST 18i4			208.			
Power cable 2 x 1.5 mm ²	RST20i2			222.			
Power cable 2 x 2.5 mm ²	RST20i2			223.			
Power cable 3 G 1.5 mm ²	GST 15i3, 18i3			232.			
Power cable 3 G 2.5 mm ²	RST20i3			233.			
Power cable 3 G 2.5 mm ²	GST 18i3			238.			
Power cable 5 G 1.5 mm ²	GST 15i5, 18i5			257.			
Power cable 5 G 2.5 mm ²	GST 18i5			258.			
Bus cable 2 x 0.5 mm ²	BST 14i2			425.			
Bus cable 2 x 0.8 mm ²	BST 14i3			435.			
Power cable 4 G 1.5 mm ²	RST20i4			442.			
Power cable 4 G 2.5 mm ²	RST20i4			443.			
Power cable 5 G 1.5 mm ²	RST20i5			452.			
Power cable 5 G 2.5 mm ²	RST20i5			453.			
Power cable 5 G 4.0 mm ²	RST20i5			454.			
Power cable 2 x 1.5 mm ²	RST20i2 (50V)			522.			
Length							
Length incl. female/male connector up to 10 m in dm (Example: 3.0 m = 30 dm)				30			
Cable material		in connector system					
H05VV (PVC)	GST, RST				0		
H05V2V2 (PVC, 90 °C continuous temp.)	GST, RST				1		
H07 RN-F (rubber)	GST, RST				3		
S05Z1Z1 (halogen-free)	GST, RST				6		
Öfflex classic	RST				8		
Cable assembly							
Extension	Male – Female					0.	
Supply	Female – Free end					3.	
Supply	Male – Free end					4.	
Supply cable	Safety plug – Female					7.	
Colors and codings Male – Female		in connector system					
Code 1	(gray)	RST20i2 ... i5					0
Code 1	(black)	RST20i2 ... i5, GST 18i3 ...i5					1
Code 1	(white)	GST 18i3 ...i5					2
Code 2	(pebble gray)	GST 18i3 ...i4					3
Code 3	(concrete gray)	RST25i3 ...i5					3
Code 3	(light red)	GST 18i3					5
Code 4	(brown)	GST 18i3, GST 15i3					4
Code 4	(pastel blue)	RST20i5					6
Code 2	(green)	RST20i2					7
Code 5-2	(pastel blue)	BST 14i2, GST 18i5					9

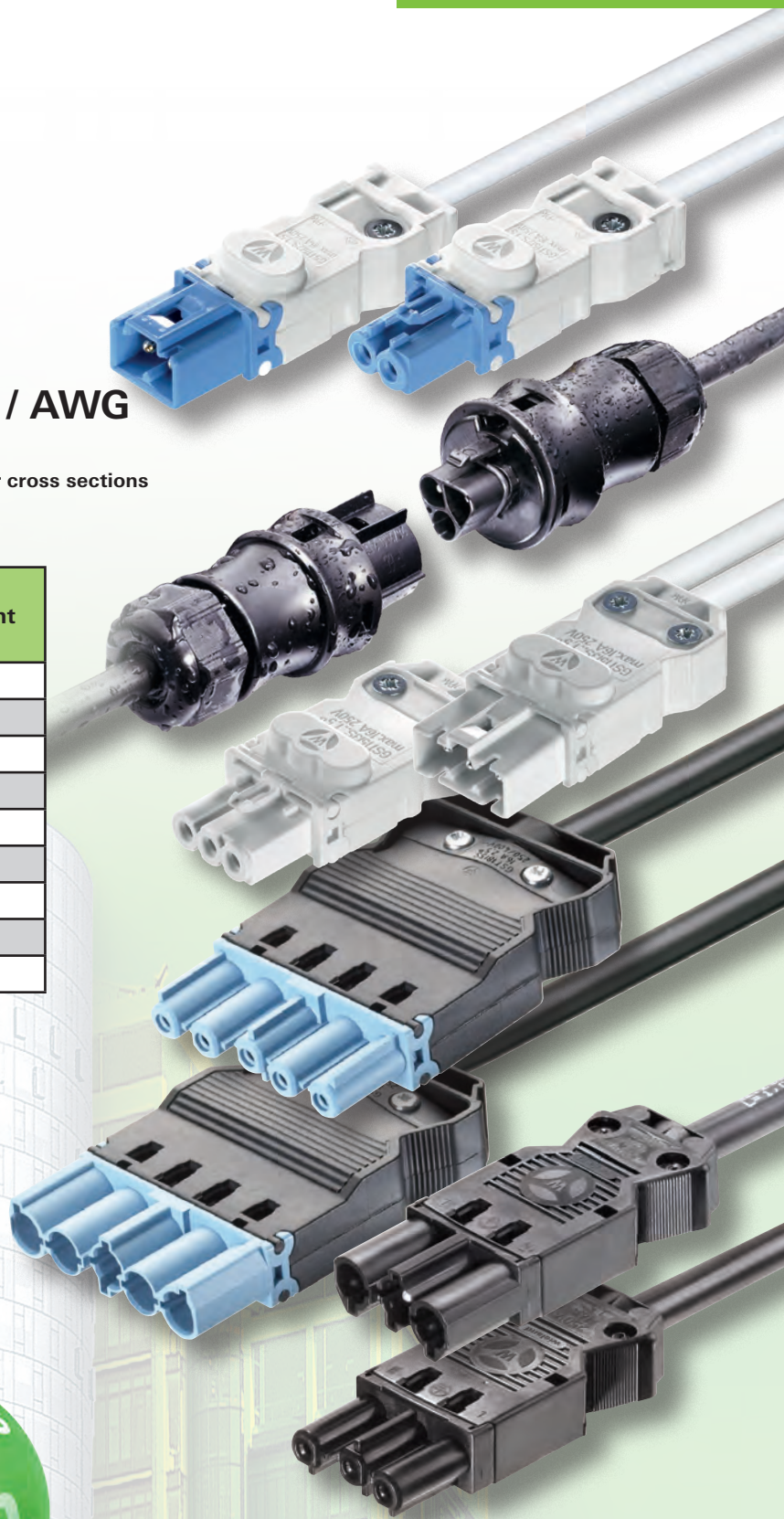
The RST product line can be found in our 0690.1 catalogue.



Conductor cross sections / AWG

The approximated relation between the conductor cross sections in mm² and AWG sizes are defined as follows:

AWG	Cross section mm ²	Metric equivalent mm ²
22	0.32	0.34
20	0.52	0.75
18	0.82	1.0
16	1.31	1.5
14	2.08	2.5
12	3.31	4.0
10	5.26	6.0
8	8.37	10.0
6	13.3	16.0



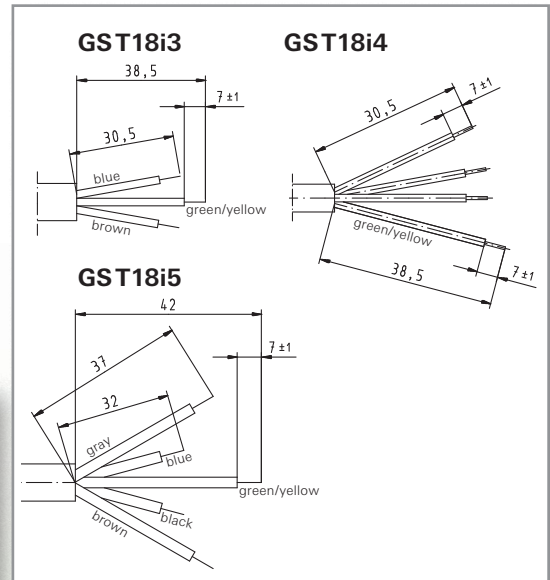
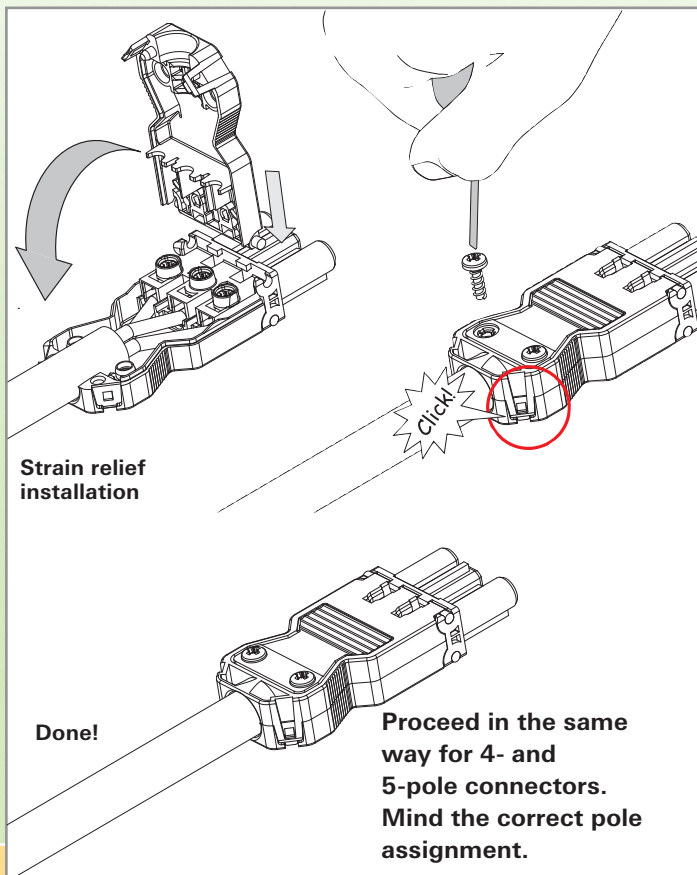
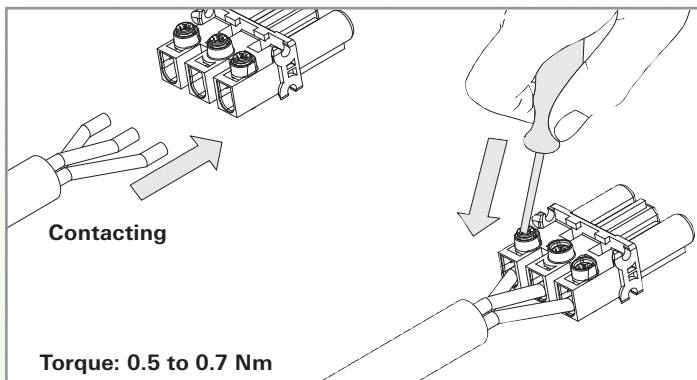
Installation instructions GST18i3...i5. Connector installation.

Screw connectors

Preparing the conductors

Dimensions in mm.

Solid or fine-stranded 0.75 – 2.5 mm² wires without ferrules



Always observe the following:

The erection, extension and modification of electrical installations may only be carried out by qualified electricians. GST18 installation plug-in connectors as IEC 61535 are intended for installation by instructed or skilled persons. Observe applicable accident prevention and safety regulations.

Rules to be observed during installation:

Each color of a GST18 connector stands for a specific mechanical coding. Only male and female connectors with the same color can be mated. The only exception from this rule are black/white or gray/tomato red connectors, which have the same coding. In accordance with the installation manual, locking devices always have to be used.

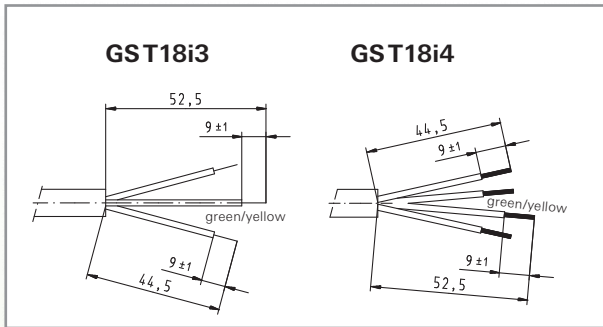
These locking devices are integrated into GST18 distribution units and snap-in connectors. In cable assemblies with flying leads, soldered parts or flat cable adapters, locking devices have to be retrofitted manually (see Accessories). The locking device must click audibly into place.

Connection and termination points, as well as plug-in connections of cables/conductors, have to be provided with mechanical strain relief as per VDE 0100-520. Never use force to plug or unplug gesis connectors. To open locking devices, use a tool such as a screwdriver; the connectors can now be easily unplugged.

GST18 connectors must only be connected and disconnected without load. Do not use third-party components. Only combinations of Wieland products are covered by the warranty.

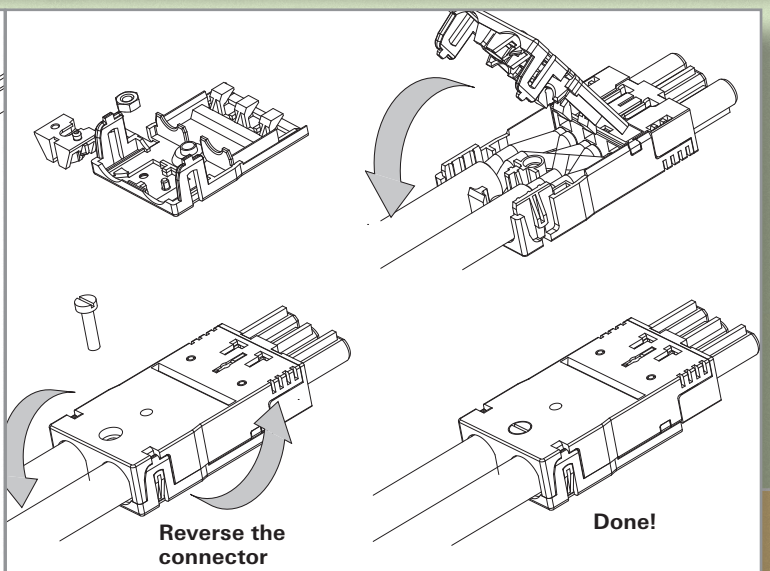
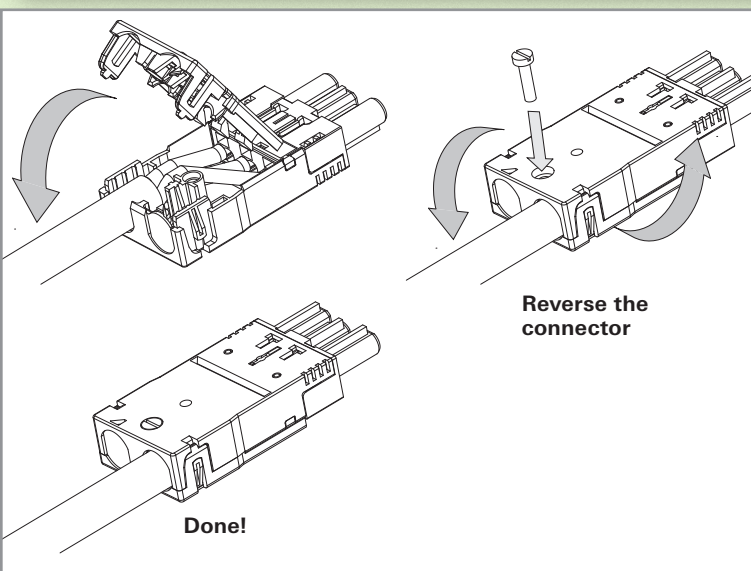
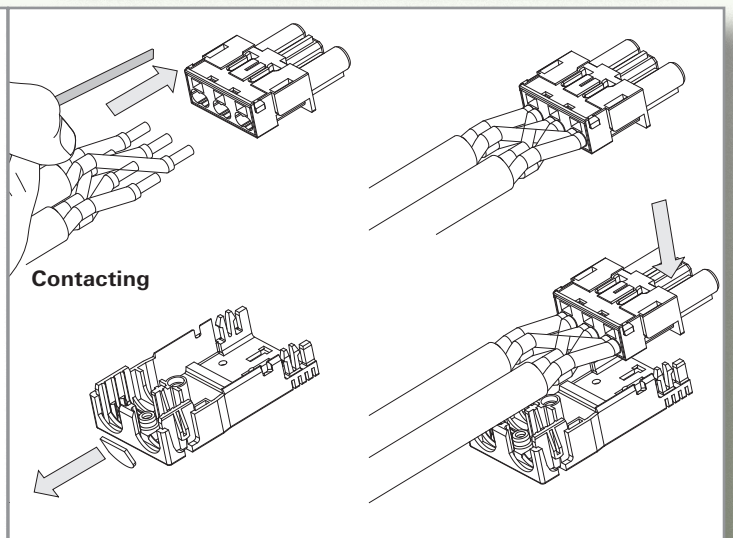
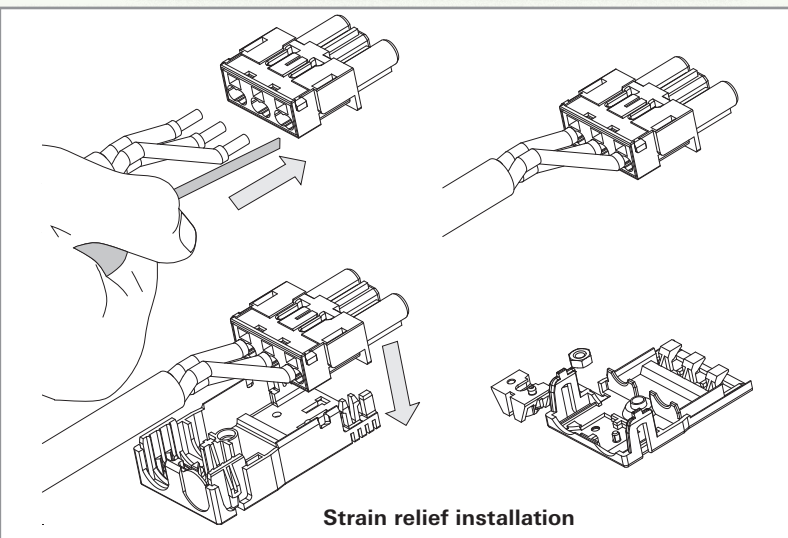
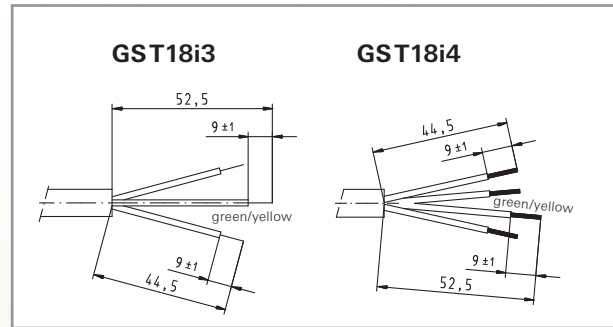
Spring-loaded connectors One cable

Preparing the conductors, dimensions in mm.
Solid 1.5 – 2.5 mm²
Fine-stranded 1.5 mm² with ferrules



Spring-loaded connectors Two cables

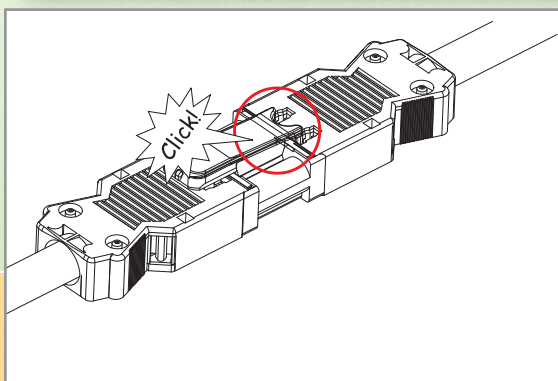
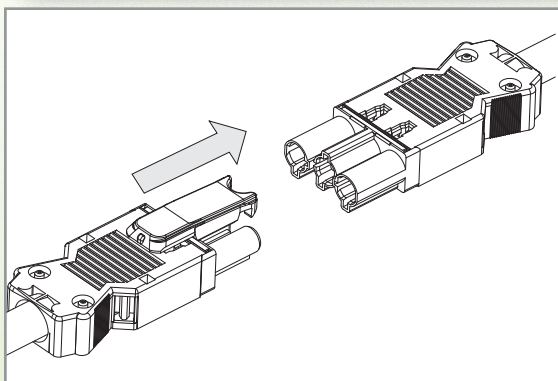
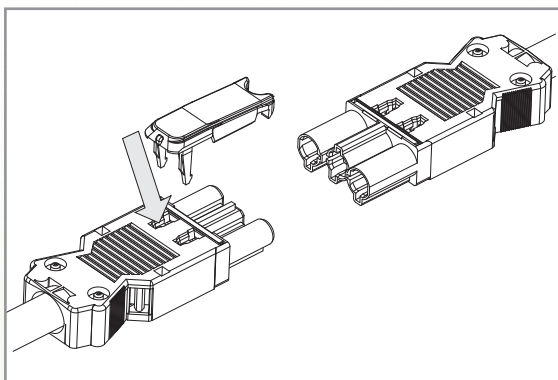
Preparing the conductors, dimensions in mm.
Solid 1.5 – 2.5 mm²
Fine-stranded 1.5 mm² with ferrules



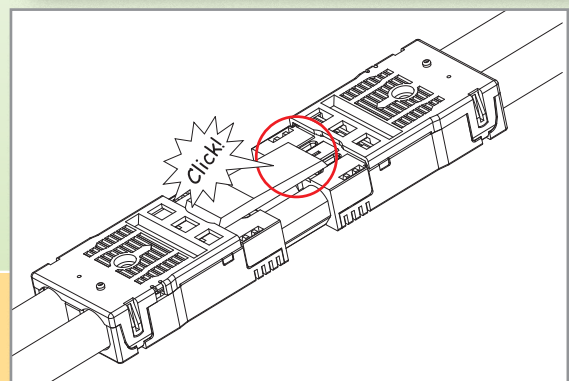
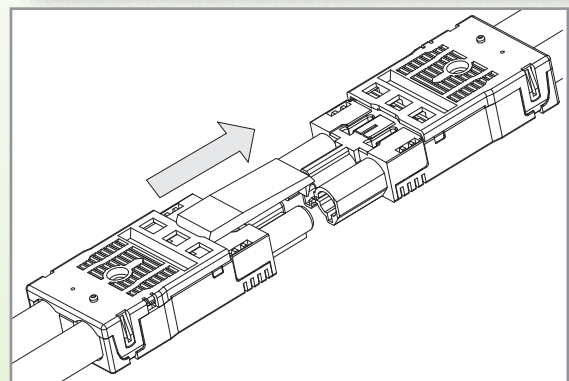
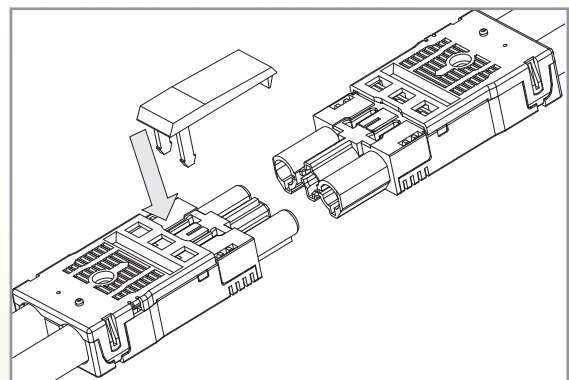
Proceed in the same way for 4 pole connectors.
Mind the correct pole assignment.

Installation instructions GST 18i3...i5. Locking device

Screw connection

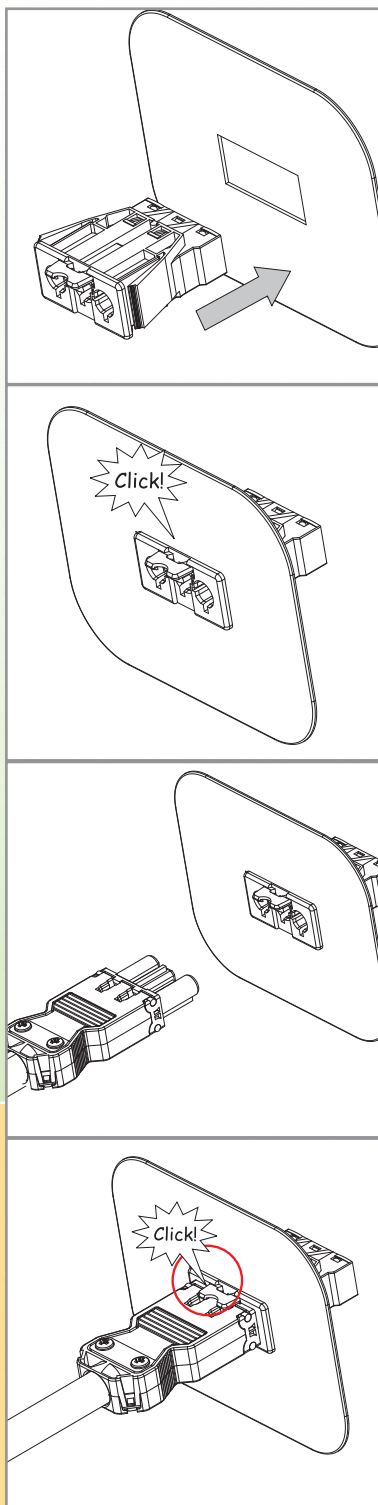


Spring clamp connection

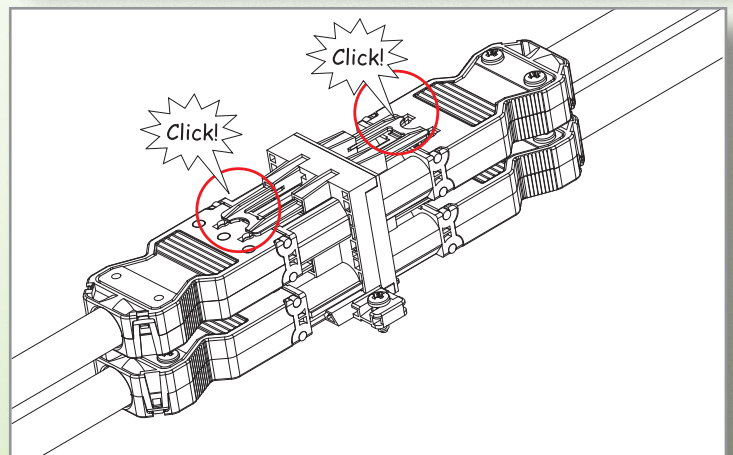
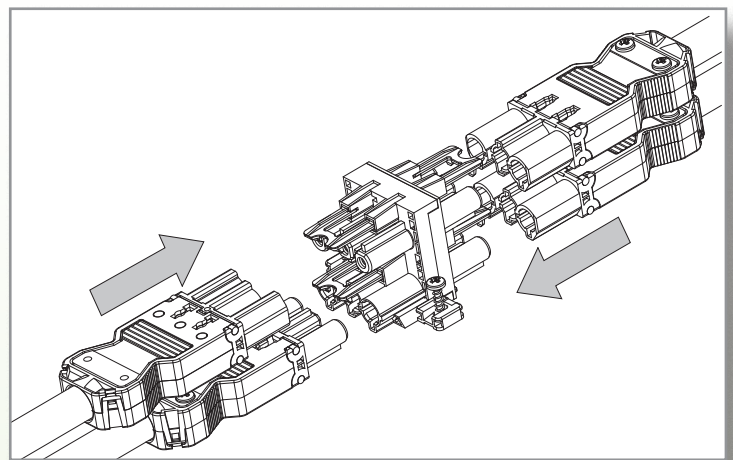


Installation instructions GST 18i3...i5.

Snap-in installation



Use of distribution blocks

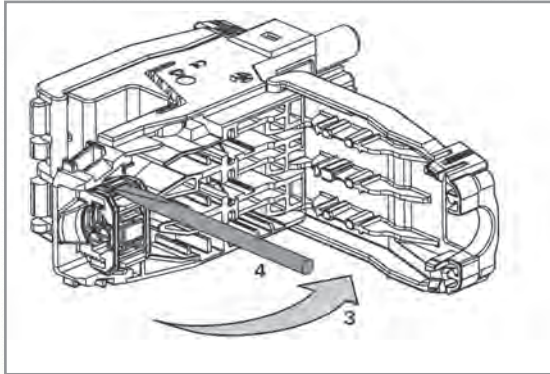


Please note:

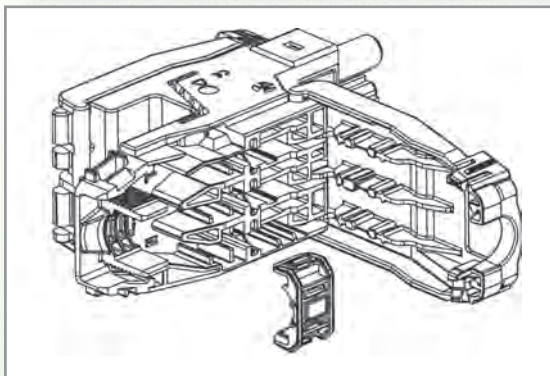
In h and T distribution units, one output each does **not** have a locking device.

This output is used for plugging directly into device connections. If you use this output for example for cable assemblies, a separate locking device (accessory) must be used.

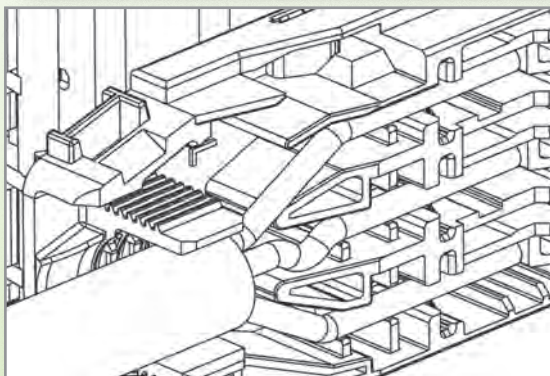
Installation instructions GST 18i3...i5. Installation instructions for IDC adapter



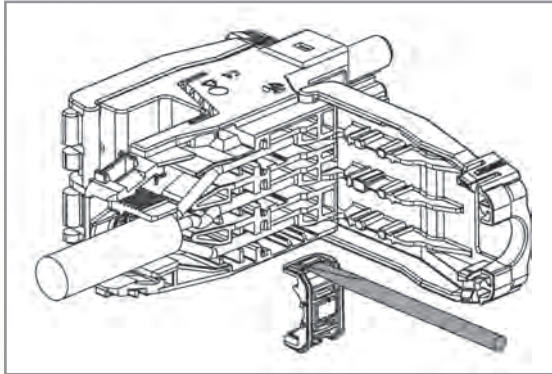
1. Cut cable at the desired point
2. Strip both ends of the cable by 35 mm
3. Open the cover
4. Undo the strain relief using a screwdriver



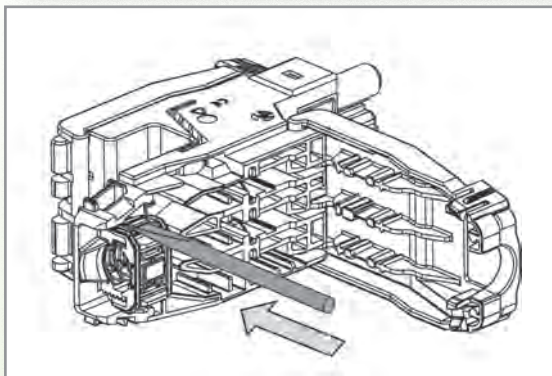
5. Insert conductors into guide slots
(mind the correct pole assignment!)



Close-up

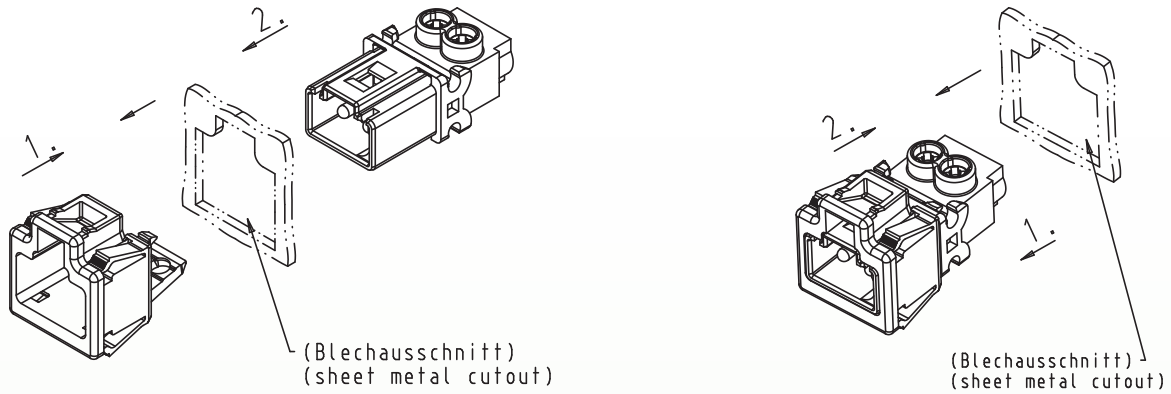


- 6. Insert the strain relief**
Press strongly into place with a screwdriver



- 7. Close the cover**
- 8. Repeat the above steps on the back of the adapter**
- 9. Connect the GST 18i3 cable,**
use a locking device

Installation instructions GST15i2...i5.



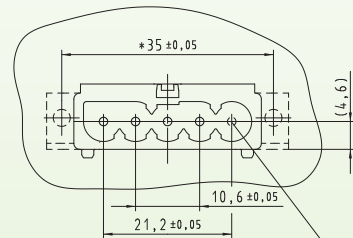
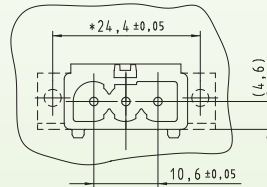
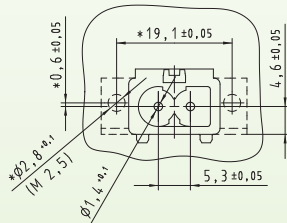
Hole patterns GST15i2...i5.

2-pole

3-pole

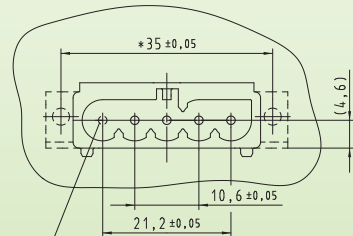
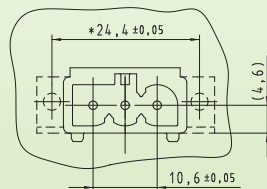
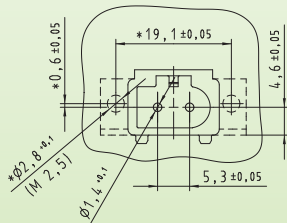
4/5-pole

Female connector vertical



nur für 5-polig
only for 5-pole

Male connector vertical

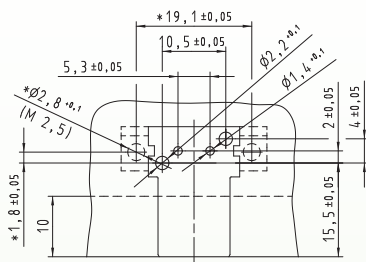


nur für 5-polig
only for 5-pole

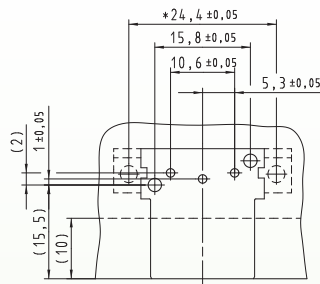
Hole patterns GST15i2...i5.

Female connector horizontal

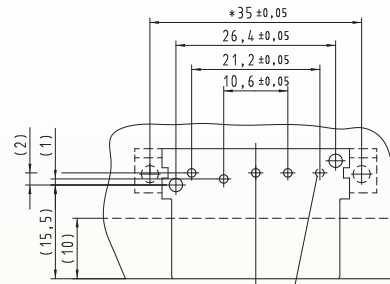
2-pole



3-pole



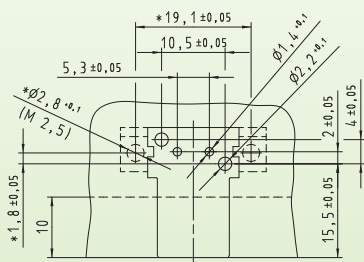
4/5-pole



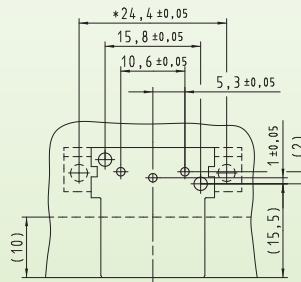
nur für 5-polig
only for 5-pole

Male connector horizontal

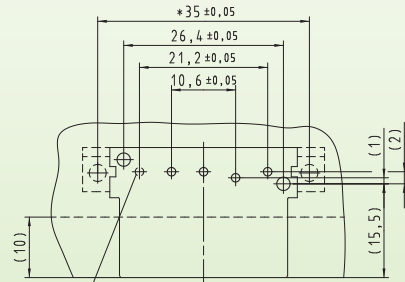
2-pole



3-pole



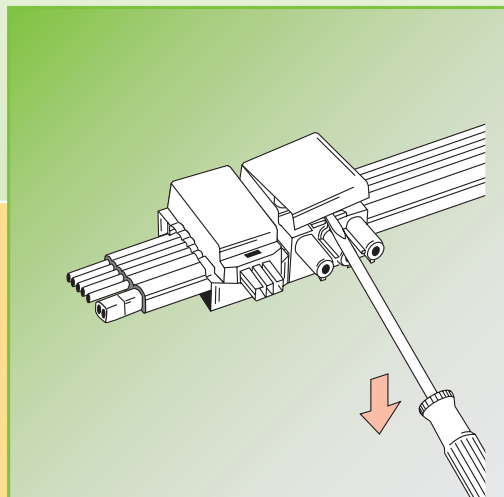
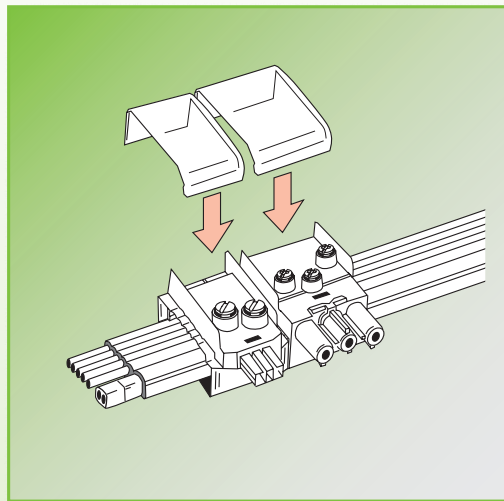
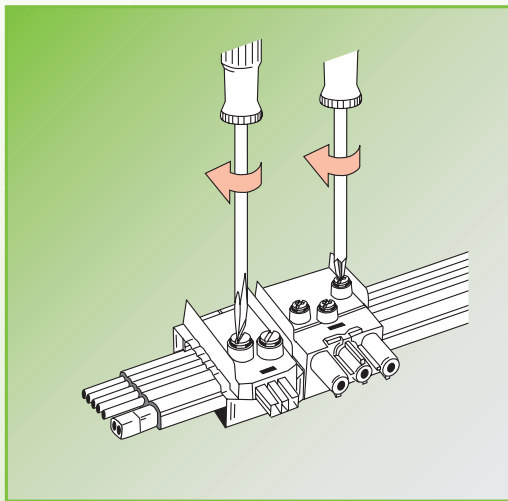
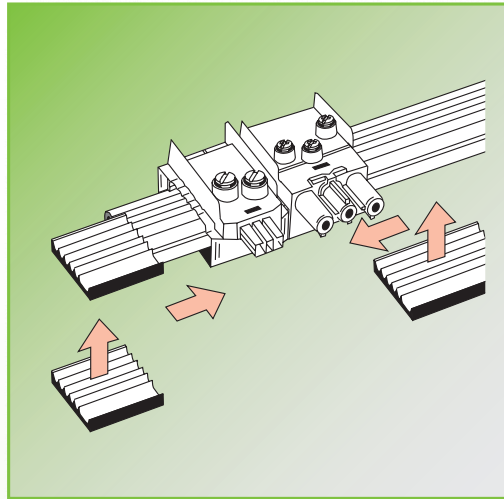
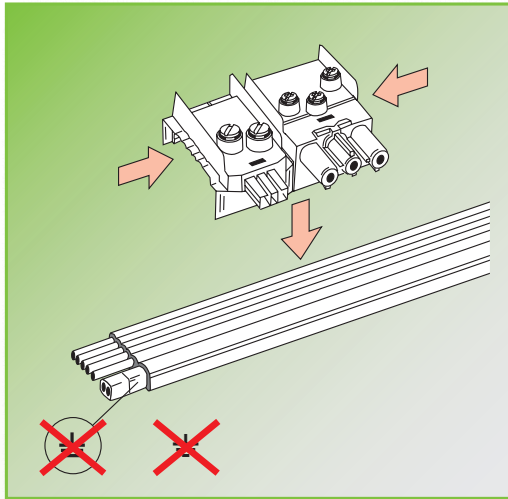
4/5-pole



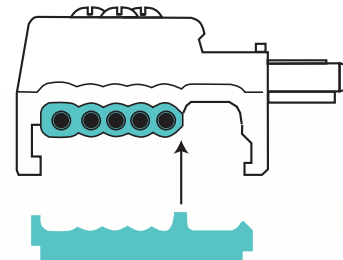
nur für 5-polig
only for 5-pole

Installation instructions

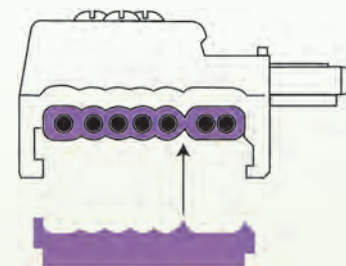
Flat cable system 2 pole, 5 pole, and 5+2 pole



1. When connecting flat cable adapters for mains and KNX/control signal, note the latching side (3 pole on the left, 5 pole on the right). Latch the components together. Place the terminal block on the flat cable – note the coding on the cable!
2. Slide the base plate on – **note the coding on the terminal block and cable** (see diagram on the left!)
The flat cable grooves on the terminal block as well as on the base plate indicate the correct position of the adapter on the cable – if the adapter is not positioned correctly, a great deal of force is required to slide the base plate on. The unit must then be rotated 180 degrees.
3. Turn the screws as far as possible in the flat cable –
Mains: torque 0.7 Nm.
Bus: torque 1.0 Nm.
4. Place the cover(s) on top.



Flat cable system 5 pole



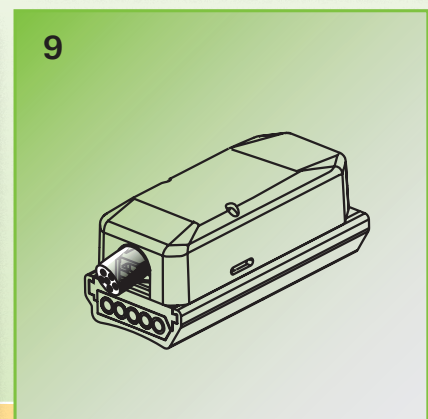
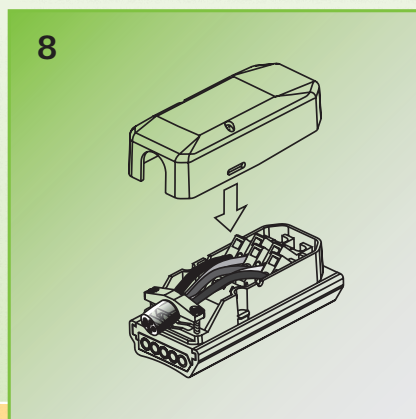
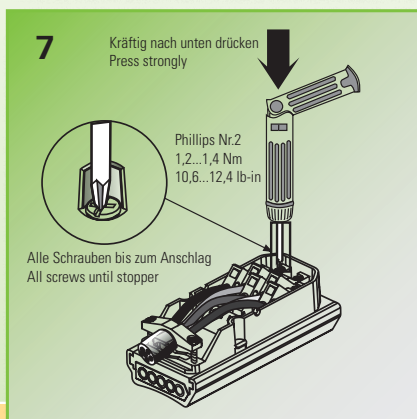
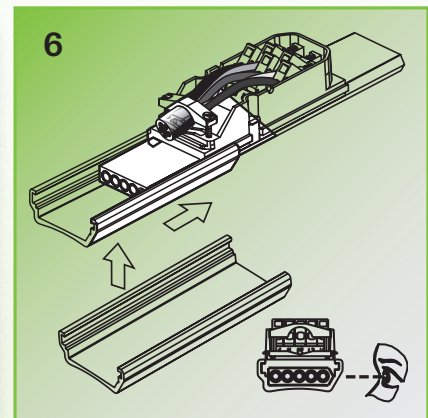
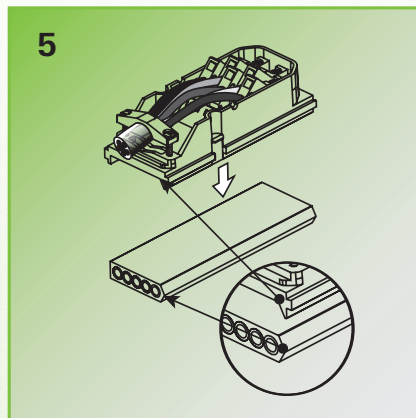
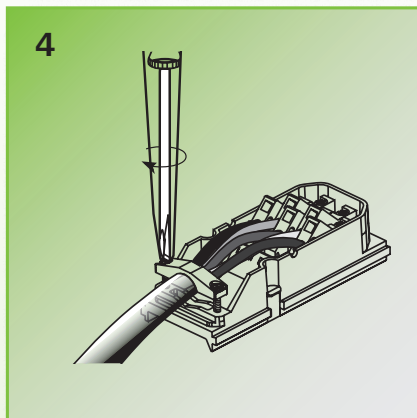
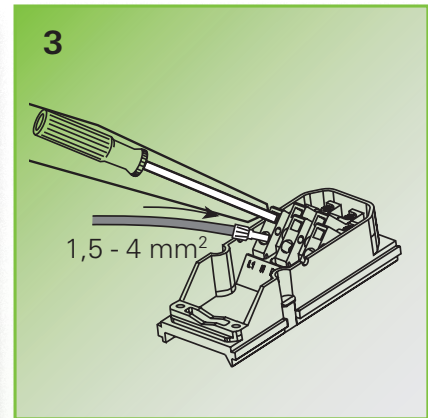
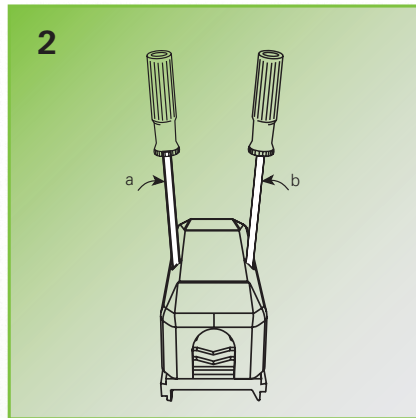
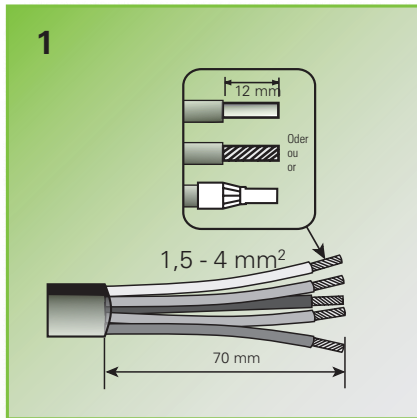
Flat cable system 5+2 pole

Additional information:

- When snapping on connectors use a locking device
- To remove the cover, insert a screwdriver into the slots provided and raise gently.
- **The ends of the flat cable must be terminated with the cable end cap.**
This guarantees the necessary insulation between bus and power conductors.
- After removing the adapters, the sections of cable that have been terminated with the slotted screws must be sealed with insulating tape.
- Notice: Do not ground the screen!
- Functional capability can only be guaranteed if the original flat cable is used.

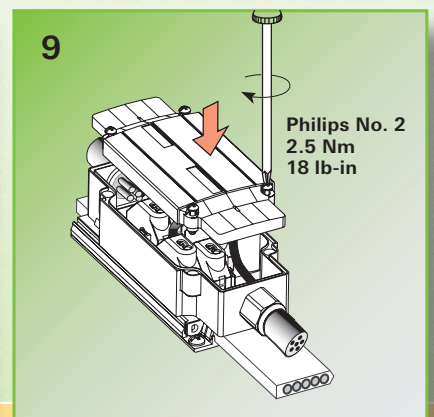
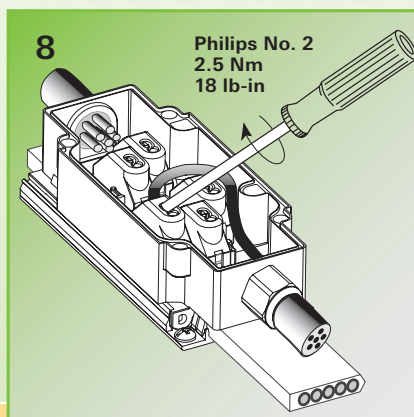
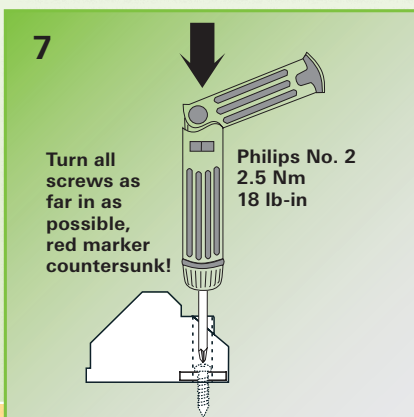
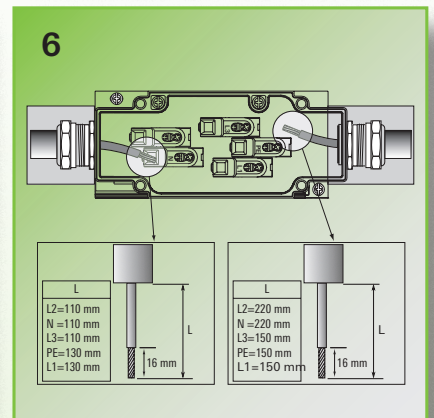
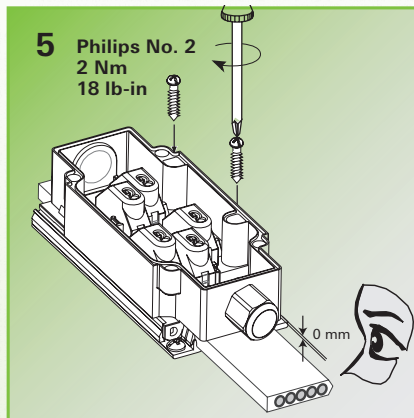
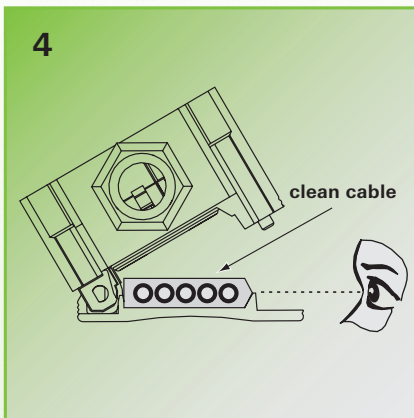
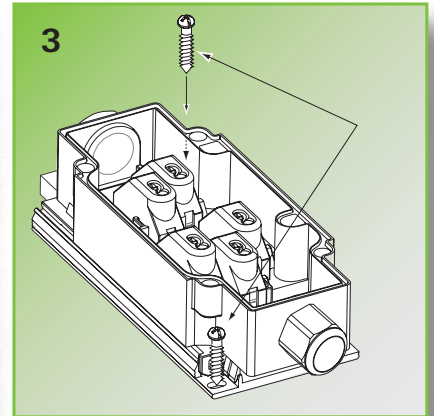
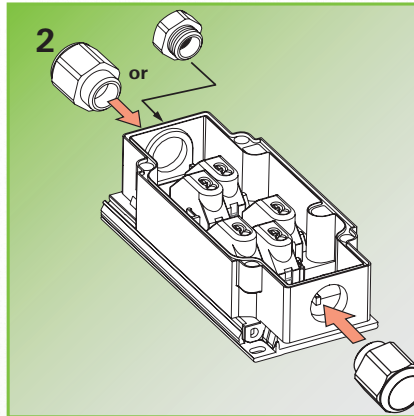
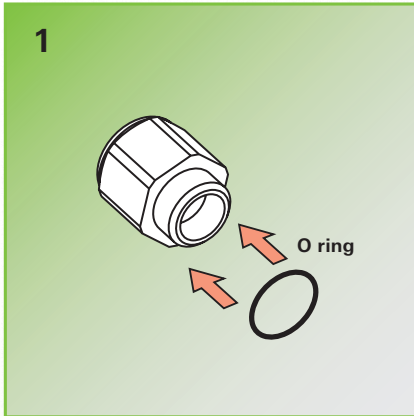
Installation instructions

Flat cable system 5 pole, 5x10 mm²



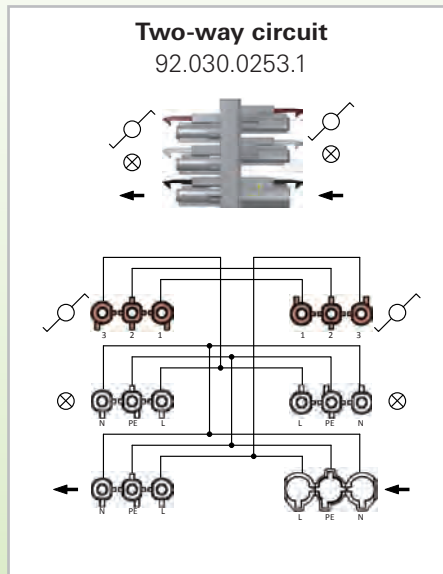
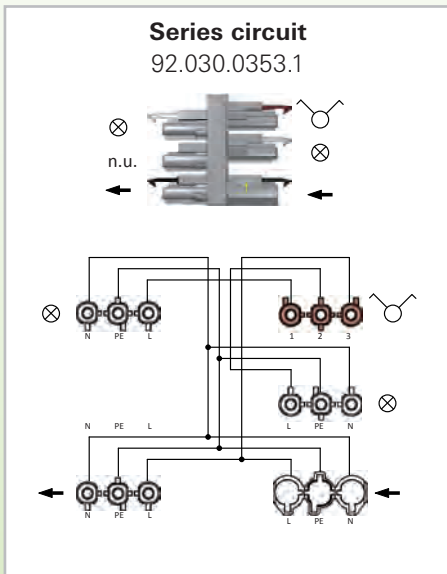
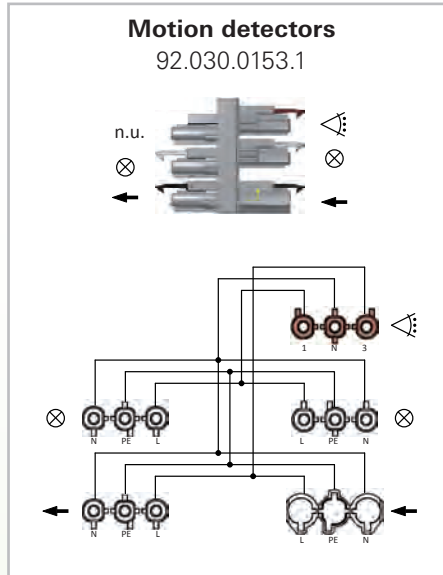
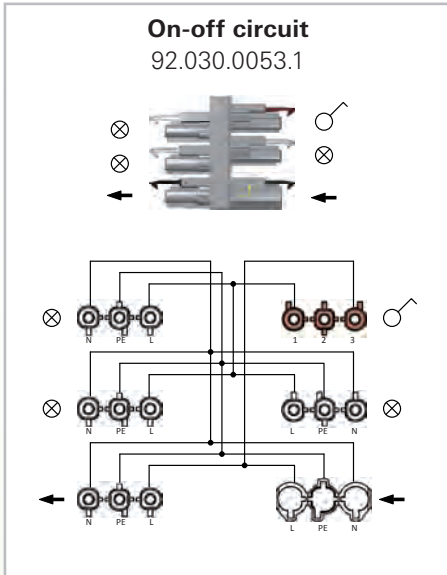
Installation instructions

Flat cable system 5 pole, 5x16 mm²



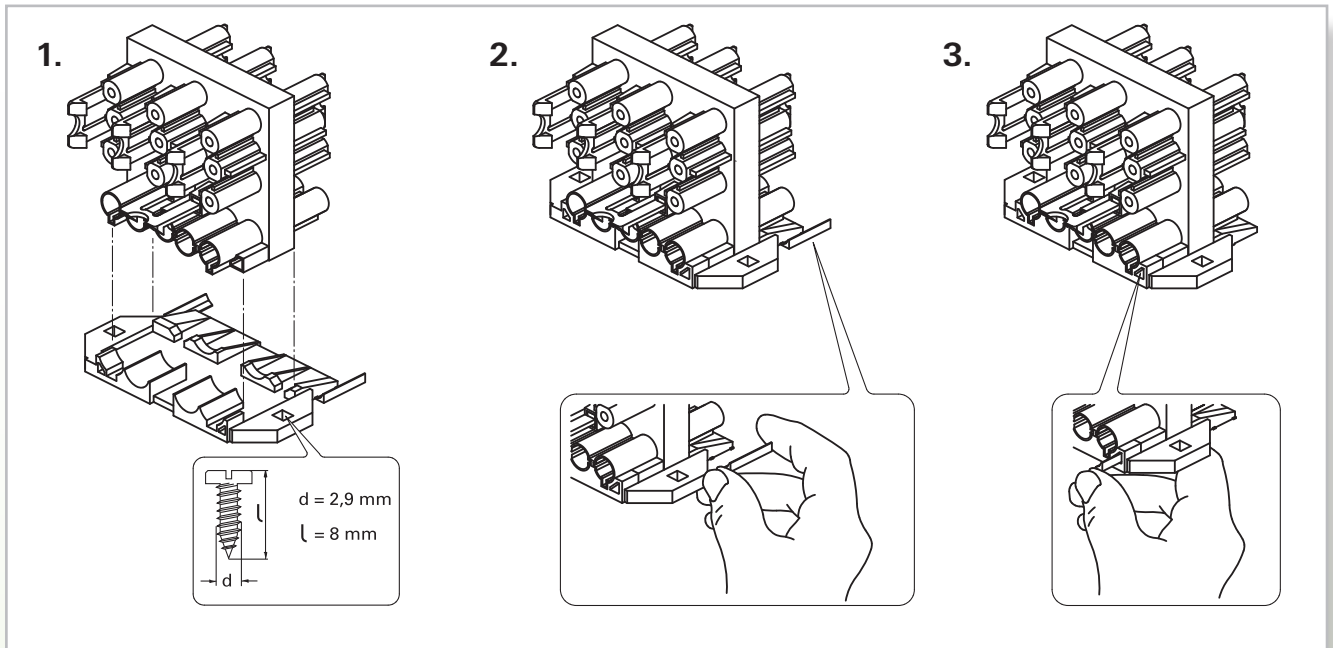
Connection diagrams

Distribution units

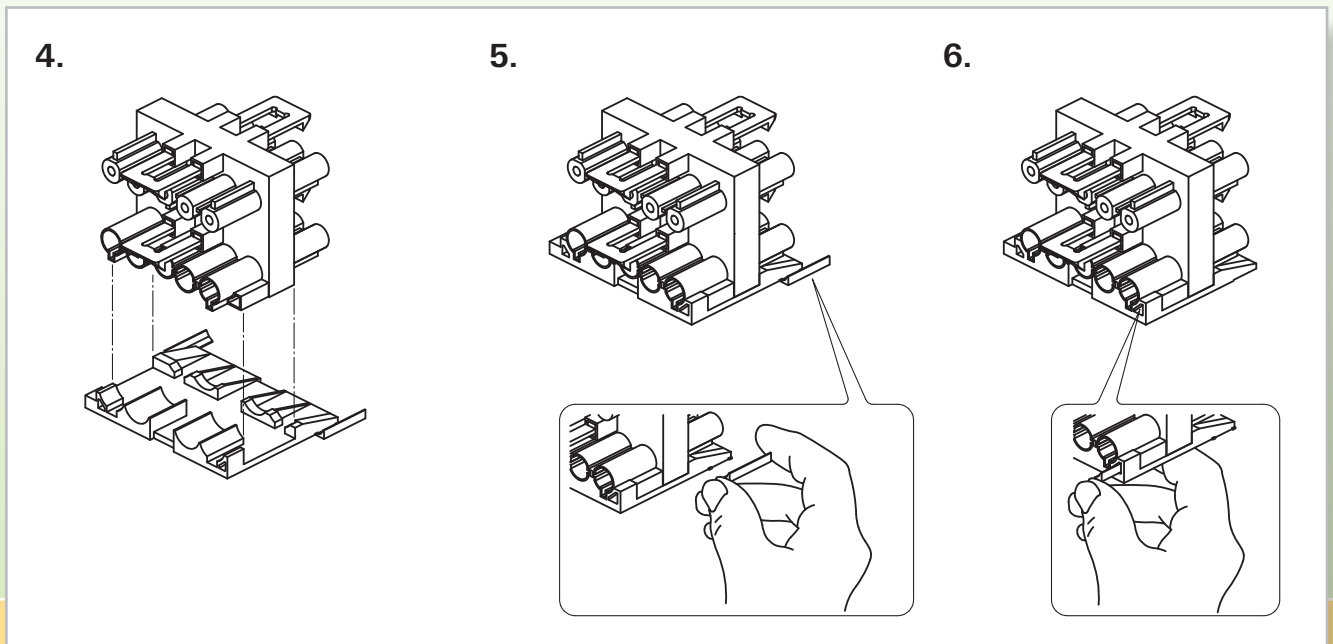


Distribution unit mounting plate GST18i5.

Mounting plate with screws



Snap-on mounting plate



Mounting plate with screws

1. Place the distribution unit on the mounting plate
2. Break the locking pin off
3. Push the locking pin in

Snap-on mounting plate

4. Place the distribution unit on the mounting plate
5. Break the locking pin off
6. Push the locking pin in

Technical data GST18i3 ... i6

General:

Number of poles:	3, 4, 5 and 6 pole
Rated current:	20A
Rated voltage:	250 V (2 and 3 pole; 6 pole) 250 V / 400 V (4 and 5 pole)
Rated impulse voltage:	4 kV (overvoltage category III)
Locking device:	required as per IEC 61535: – already integrated in distribution units and device connectors – available separately for “flying leads”, IDC adapters, flat cable adapters and solder parts
Product standards:	IEC 61535 (3 ... 5 pole), UL 1977, CSA Std. C 22.2 No. 182.3
Approvals:	VDE UL*), CSA under certain conditions (please consult us)
Degree of protection:	IP20 as per IEC 60529 unplugged IP40 as per IEC 60529 when plugged or covered with caps that can be ordered separately
Ambient temperature:	–5 ... 40 °C
Operating temperature:	max. 70 °C with pre-assembled H05VV and H05Z1Z1 cables
Environmental conditions:	Pollution degree 2 as per IEC 60664: “Only non-conductive pollution occurs. Occasional transient conductivity due to moisture condensation must be taken into account.”
Materials:	Insulation: PA, halogen-free, UL 94 V-0 Machined contacts: CuZn Screws: Steel, zinc-plated
Codings:	different mechanical codings, identified by color black and white and gray/tomato red have the same coding Observe differing rated voltages!
In general, the following applies:	– Contact protection of female connectors also when unplugged – Ground conductor leading, if available; in addition, the neutral line in 5 pole male connectors is leading the phases – A dangerous non-polarization is impossible with systems that are defined in the standards of IEC 60309, IEC 60320 and IEC 60906 or with the national plug and socket systems for home applications.

Observe the following notes for your safety:

According to IEC 61535, installation connector systems must only be connected and disconnected without load.

When installing GST18 connectors in easily accessible areas, caps or covers that can only be removed with a tool shall be used (see Accessories).

Compliance with EN 61535 will not automatically prevent a dangerous non-polarization with other installation connector systems. Compatibility with third-party products cannot be guaranteed.

Installation connector systems are not a replacement for domestic plug and socket systems.

According to VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

Never temper with the cables and components! Observe applicable accident prevention and safety regulations.

The Wieland coding concept is based on allocating specific codings and colors to each application. The applications are described in this catalogue.

When using codings for other applications, the user shall ensure that dangerous mix-ups are prevented. Check for differing technical data, if applicable.

Do not use third-party components. Damages resulting from combination with third-party components are not covered by the warranty.

*) Category ECBT2 component, observe installation conditions!

Connector:

Variations:	Female and male connector, each with integrated strain relief, device connections without strain relief	
Connection type:	Screw connection Tension spring connection	
Connector cross sections:	Screw:	0.5 ... 2.5 mm ² (solid and fine-stranded without ferrules)
	Tension spring:	0.5 ... 2.5 mm ² (solid) 0.5 ... 1.5 mm ² (with ferrules) 1.5 and 2.5 mm ² ultrason. welded unprepared fine-stranded cables are not permissible
Torque	for screw connections:	0.5 Nm
	for strain relief:	0.5 to 0.7 Nm
Fire load:	3 pole:	0.13 kWh
	4 pole:	0.17 kWh
	5 pole:	0.19 kWh
	6 pole:	0.26 kWh

Device connectors, snap-in:

Variations:	Female and male connectors with frames for snap-in in housing cut-out with 0.5 ... 1.5 mm or 1.5 ... 2.5 mm thick walls	
Connection type:	Screw connection (3 pole) Tension spring connection (3 to 5 pole)	
Connector cross sections:	Screw:	0.5 ... 2.5 mm ² (solid and fine-stranded without ferrules)
	Tension spring:	0.5 ... 2.5 mm ² (solid) 0.5 ... 1.5 mm ² (with ferrules) 1.5 and 2.5 mm ² ultrason. welded unprepared fine-stranded cables are not permissible
Torque	for screw connections:	0.5 Nm
Fire load:	3 pole:	0.07 kWh
	4 pole:	0.10 kWh
	5 pole:	0.11 kWh

PC board connectors (solder parts):

Variations:	Female and male connectors for soldering onto a PC board – each with horizontal or vertical pins – without fastening flange, models with fastening flange on request	
Spacing:	9.75 mm	
Pin length:	3.2 mm	
Fire load:	3 pole:	0.03 kWh
	4 pole:	0.05 kWh
	5 pole:	0.06 kWh
	6 pole:	0.07 kWh

Distribution units:

Fire load:	3 pole T:	0.09 kWh
	3 pole h:	0.14 kWh
	3 pole H:	0.15 kWh
	3 pole HH:	0.23 kWh
	4 pole T:	0.14 kWh
	5 pole T:	0.14 kWh
	5 pole H:	0.22 kWh
	5 pole 5/3:	0.34 kWh

Cable assemblies:

Variations:	Extension cables female – male Connection cables female – free end Connection cable male – free end Adapter cables female GST15 – male GST18 Adapter cables to international household connector systems		
Rated current:	16 A with cable cross sections of 1.5 mm ² 20 A with cable cross sections of 2.5 mm ²		
Free ends:	sheath and insulation stripped and ultrason. welded / with ferrules		
Fire load of PVC cables:	3 x 1.5 mm ² :	0.38 kWh/m + 0.13 kWh	per connector
	4 x 1.5 mm ² :	0.50 kWh/m + 0.17 kWh	per connector
	5 x 1.5 mm ² :	0.56 kWh/m + 0.19 kWh	per connector
	3 x 2.5 mm ² :	0.58 kWh/m + 0.13 kWh	per connector
	4 x 2.5 mm ² :	0.60 kWh/m + 0.13 kWh	per connector
	5 x 2.5 mm ² :	1.15 kWh/m + 0.17 kWh	per connector
Cables used:	H05VV-F	(PVC)	
	H05V2V2-F	(PVC up to 90 °C continuous temperature)	
	H05Z1Z1-F	(halogen-free)	
	S05Z1Z1-F	(halogen-free)	
	S05HH-F	(halogen-free)	
	more types on request		

Note:

Our GST18i3 PVC cable assemblies with cross section 1.5mm² are also approved as per DIN EN 60320.

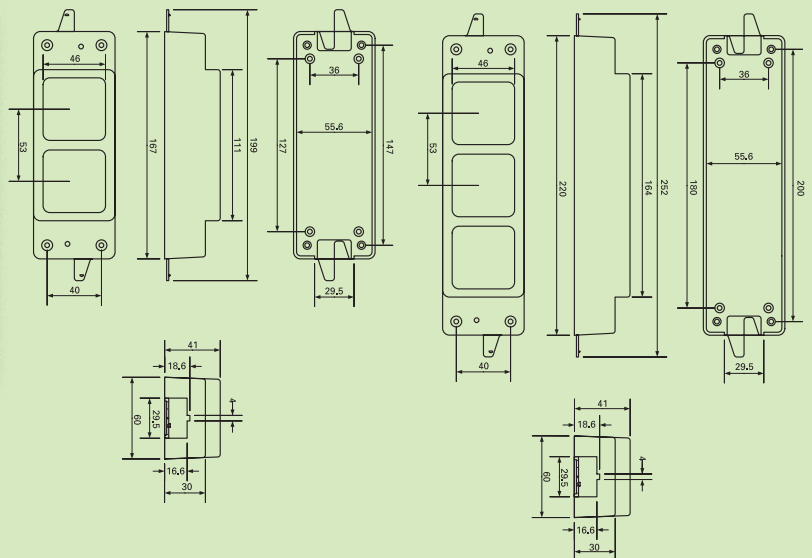
Multiple sockets – current standard situation:

Information:

According to VDE0620-1, connecting **mobile** outlets in series is not permissible, as safe circuit breaker function cannot be ensured.

This is also valid for the multiple outlets with GST18 input and output shown here.

When using out multiple outlets in a **fixed installation**, e.g. in desks, cable ducts, shelves, etc., they may be connected in series observing the overall connected load, maximum power of 16 A and the maximum admissible cable length for the respective installation.



Operating notes:

The connector series GST 18i5 are designed for dimming voltages of 0...250V. Please observe the following notes for connected equipment (e.g. electronic ballast or pushbuttons):

Power supply 250 V, dimming voltage is extra-low voltage (e.g. 1-10 V or DALI).

Insulation of the digital interface is according to requirements of base insulation. SELV (Safety Extra Low Voltage) is not guaranteed. Cables and equipment must have double base insulation.

Power supply 250 V, dimming voltage is higher than extra-low voltage (e.g. 250V Touch DIM).

The equipment used must meet protection class I (base insulation and protective ground) or protection class II (double or reinforced insulation).

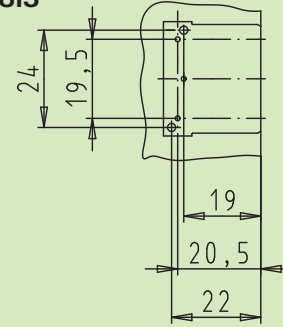
5 pole color coding

GST 18 drilling plans

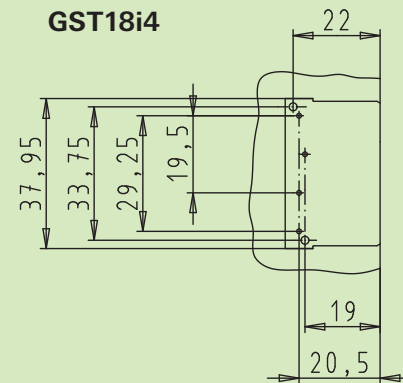
GST18i5 pole assignment, pastel blue coding

Color	0 – 10 V	DALI	Touch DIM
brown (similar to RAL 8023)	L	L	L
blue (similar to RAL 5015)	N	N	N
green + yellow (similar to RAL 6017 + 1032)	⊕	⊕	⊕
black (similar to RAL 9005)	D2 (-)	D2 (DA-)	D2 (DA-)
gray (similar to RAL 7004)	D1 (+)	D1 (DA+)	D1 (DA+)

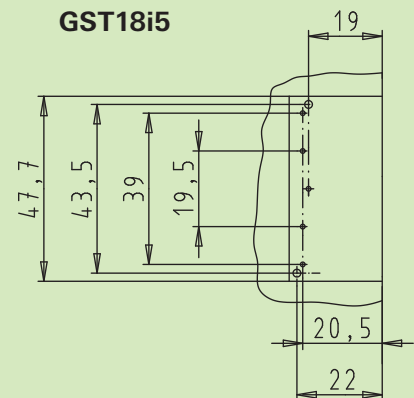
GST18i3



GST18i4



GST18i5



Technical data GST18i3 ... i6 "No-flame" material

For general technical data see previous page

Material:	Insulation:	PA, halogen-free and flame-protected, UL 94 V-0
	Contacts:	CuZn
	Screws:	Steel, zinc-plated

Plug connector color coding

Color name

Color	similar RAL no.	Coding
white	RAL 9010	Code 1
black	RAL 9005	Code 1
pebble gray	RAL 7032	Code 2
tomato red	RAL 3013	Code 2
salmon red	RAL 3022	Code 3
brown (oxide red)	RAL 3009	Code 4
pastel blue	RAL 5024	Code 5
May green	RAL 6017	Code 7
turquoise blue	RAL 5018	Code 8
light blue	RAL 5012	Code 5
light ivory	RAL 1015	Code 1
turquoise green	RAL 6016	Code 3
traffic blue	RAL 5017	Code 2
zinc yellow	RAL 1018	Code 5

Technical data

gesis[®] TOP 3 pole

Technical data *gesis* TOP:

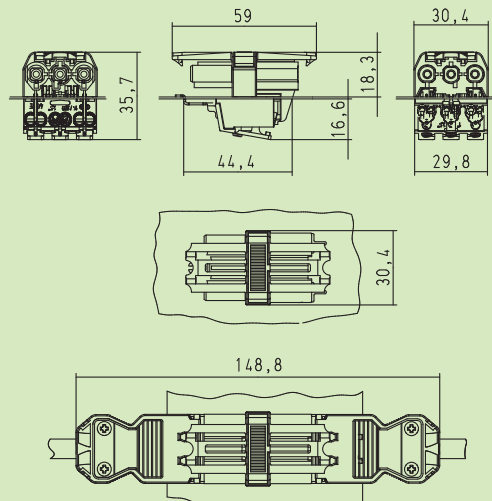
- Rated voltage max. 250 V
- Rated current max. 20 A
- Rated current max. 2 A, in lamp output
- Temperature range -40° C to +120° C
- Degree of protection IP 40
- Approval IEC 61535
- Color white
- Dimensions (L x W x H) 59.0 x 30.4 x 18.3 mm

Technical data lamp terminal:

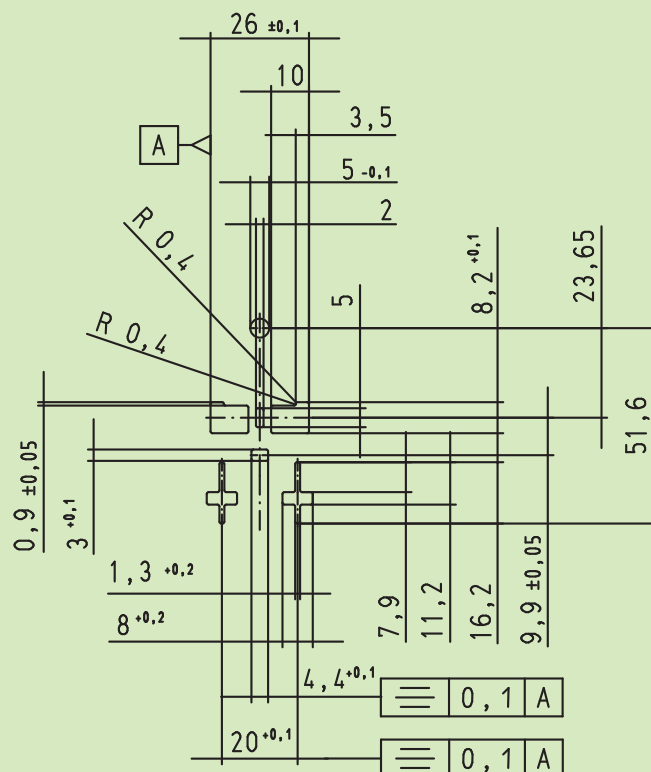
- as specified by the manufacturer BJB

Ref. no. BJB 46.413.1302

Dimensions



Required metal sheet cutout



Technical data

gesis[®] TOP 5 pole

Technical data **gesis** TOP:

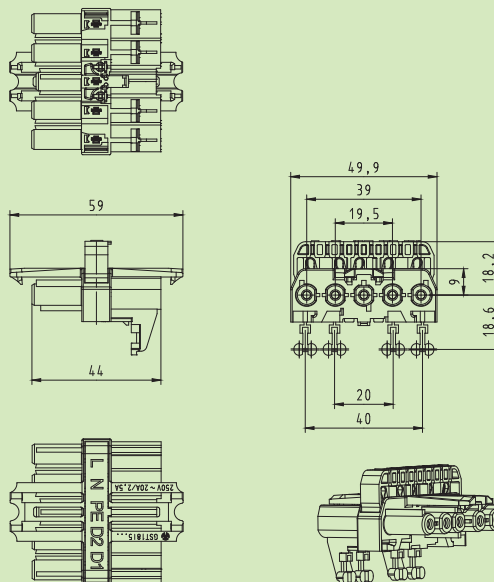
- Rated voltage max. 250 V
- Rated current max. 20 A
- Rated current max. 2 A, in lamp output
- Temperature range -40° C to +120° C
- Degree of protection IP 40
- Approval IEC 61535
- Color white / pastel blue
- Dimensions (L x W x H) 59.0 x 49.9 x 18.3 mm

Technical data lamp terminal:

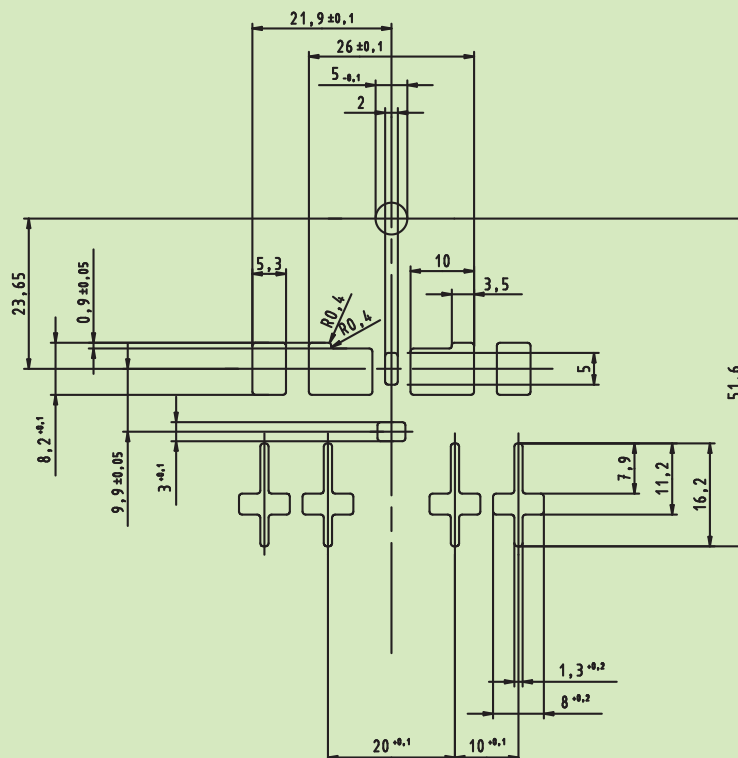
- as specified by the manufacturer BJB

Ref. no. BJB 46.415.1302

Dimensions



Required metal sheet cutout



Technical data GST15i 2...5 pole

General:

Number of poles:	2, 3, 4 and 5 pole
Rated current:	16A
Rated voltage:	250V (2 and 3 poles) 250V / 400V (4 and 5 poles)
Rated impulse voltage:	4kV (overvoltage category III)
Locking device:	fully integrated
Product standards:	IEC 61535
Approvals:	VDE (CB) UL, CSA under certain conditions (please consult us)
Degree of protection:	IP20 as per IEC 60529 unplugged IP40 as per IEC 60529 when plugged
Ambient temperature:	-5 ... 40 °C
Operating temperature:	max. 60 °C with pre-assembled PVC cables
Environmental conditions:	Pollution degree 2 as per IEC 60664: "Only non-conductive pollution occurs. Occasional transient conductivity due to moisture condensation must be taken into account."
Materials:	Insulation: PA, halogen-free Machined contacts: CuZn, copper pre-coated and silver-coated Screws: Steel, zinc-plated
Codings:	different mechanical codings, identified by color black and white have the same coding Observe differing rated voltages!

In general,
the following applies:

- contact protection of female connectors also when unplugged
- ground conductor leading; in addition, the neutral conductor in 5 pole male connectors is leading the phases
- Protection against mismatching as per IEC 61535
 - against connecting single poles
 - against connecting different numbers of poles
 - against pole displacement
 - against inverted connections
- A dangerous non-polarization is impossible with systems that are defined in IEC 60309, IEC 60320 and IEC 60906 or with the national plug and socket systems for home applications.

Observe the following notes for your safety:

According to IEC 61535, installation connector systems must only be connected and disconnected without load. GST15 connectors are not suitable for use in easily accessible areas. Compliance with EN 61535 will not automatically prevent a dangerous non-polarization with other installation connector systems. Installation connector systems are not a replacement for domestic plug and socket systems. According to VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

Operating notes:

The connector series GST 15i2 to 15i5 and 18i5 are designed for dimming voltages of 0...230V. Please observe the following notes for connected equipment (e.g. electronic ballast or pushbuttons):

Power supply 230 V, dimming voltage is extra-low voltage (e.g. 1-10 V or DALI).

Insulation of the digital interface is according to requirements of base insulation. SELV (Safety Extra Low Voltage) is not guaranteed. Cables and equipment must have double base insulation.

Power supply 230 V, dimming voltage is higher than extra-low voltage (e.g. 230V Touch DIM).

The equipment used must meet protection class I (base insulation and protective ground) or protection class II (double or reinforced insulation).

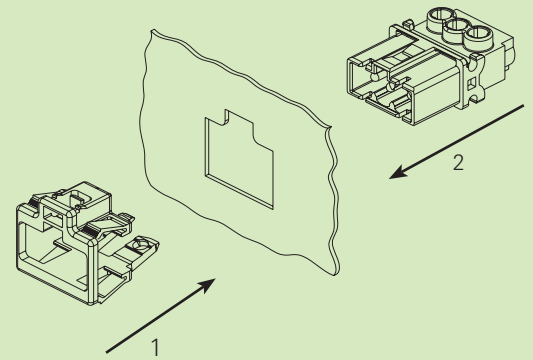
Connector:

Variations: Female and male connector, each with integrated strain relief
 Connection type: Screw connection
 Connector cross sections: 0.5 ... 2.5 mm²
 Torque for screw connections: 0.5 Nm
 Torque for strain relief: 0.5 to 0.7 Nm
 Fire load: 2 pole: 0.06 kWh
 3 pole: 0.06 kWh
 4 pole: 0.12 kWh
 5 pole: 0.12 kWh

Device connectors, snap-in:

Variations: Female and male connectors with snap-in frames for housing cutouts with 0.5 ... 1.5 mm thick walls

Connection type: Screw connection
 Connector cross sections: 0.5 ... 2.5 mm²
 Torque for screw connections: 0.5 to 0.7 Nm
 Fire load: 2 pole: 0.04 kWh
 3 pole: 0.04 kWh
 4 pole: 0.06 kWh
 5 pole: 0.06 kWh



PC board connectors (solder parts):

Variations: Female and male connectors for soldering onto a PC board
 – each with horizontal or vertical pins
 – with or without fastening flange

Spacing: 5.3 mm
 Pin length: 3.2 mm
 Fire load: 2 pole: 0.03 kWh
 3 pole: 0.03 kWh
 4 pole: 0.04 kWh
 5 pole: 0.04 kWh

Distribution units:

Fire load:	2 pole	T: 0.03 kWh	2 pole	h: 0.04 kWh
	2 pole	H: 0.04 kWh		
	3 pole	T: 0.04 kWh	3 pole	h: 0.06 kWh
	3 pole	H: 0.07 kWh	3 pole	HH: 0.11 kWh
	4 pole	T: 0.06 kWh	4 pole	h: 0.08 kWh
	4 pole	H: 0.09 kWh		

Cable assemblies:

Variations: Extension cables female – male
 Connection cables female – free end
 Connection cable male – free end
 Adapter cable female GST15i3 – male GST18i3
 Adapter cable male GST15i2 – female GST08i2
 Adapter cable female – male CEE 7/4 connector, angled sheath and insulation stripped and ultrason. welded / with ferrules

Free ends:

Fire load

PVC cables:	2 x 1.5 mm ² : 0.28 kWh/m + 0.06 kWh	per connector
	3 x 1.5 mm ² : 0.38 kWh/m + 0.06 kWh	per connector
	4 x 1.5 mm ² : 0.50 kWh/m + 0.12 kWh	per connector
	5 x 1.5 mm ² : 0.56 kWh/m + 0.12 kWh	per connector

Cable: H05VV-F (PVC)
 H05Z1Z1-F (halogen-free)
 H03V2V2-F (PVC)

Technical data BST 14i2

General:

Poles:	2
Rated voltage:	50 V
Rated current:	3 A
Wire colors:	1 (+) red, 2 (-) black
Rated cross-sections:	0.25 to 0.75 mm ²
Connection type:	Spring-loaded
Coding:	mechanical codings, identified by color
Locking device:	integrated
Strain relief:	Integrated in connector housing
Degree of protection:	IP20
Wire stripping length:	8 mm
Feed through resistance:	approx. 5 mΩ per female-male connection
Materials:	thermoplastic, halogen-free Contacts made of brass, surface-plated
Continuous temperature:	70 °C

Green (KNX):

Coding:	as per KNX standard
Approvals:	Connectors as per KNX manual
Cables:	as per KNX guidelines

Blue (dimming applications):

Coding:	individual coding
Cables:	designed for 230 V

When using BST 14i2 for dimming applications (DALI/1-10 V), the following must be observed:

The given voltage is not Safety Extra Low Voltage (SELV), but Functional Extra Low Voltage (FELV).

Thus, when laying supply and signal cables together, the installation material must comply with the highest occurring supply voltage in order to ensure safe separation of the circuits as per VDE 0100-520.

BST 14i2 pastel blue is suitable for this application, when the following is observed according to the general installation guidelines:

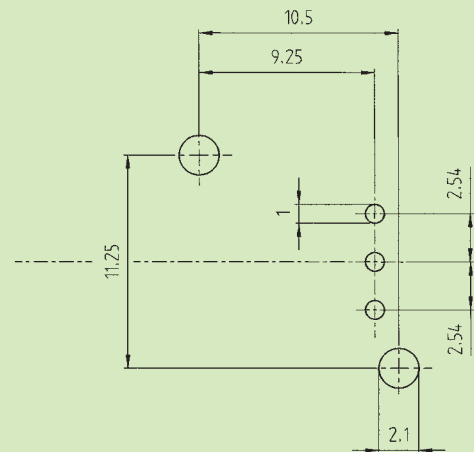
- fixed installation (e.g. in suspended ceilings)
- all components are plugged
- unused connectors have to be closed with covers
(female: 05.563.7753.0, male: 05.563.7853.0)
- Installation in areas only accessible for authorized personnel
- BST 14 cables with blue and black connectors made by WIELAND are designed for mains voltage.
- no „TouchDIM“ applications

Technical data BST 14i3

General:

Poles:	3 (+, -, shield)
Rated voltage:	50 V
Rated current:	3 A
Wire colors:	1 (+) red, 2 (-) black
Rated cross-sections:	0.25 to 0.75 mm ²
Connection type:	Spring-loaded
Coding:	mechanical codings, identified by color
Locking device:	integrated
Strain relief:	Integrated in connector housing
Degree of protection:	IP20
Wire stripping length:	8 mm
Feed through resistance:	approx. 5 mΩ per female-male connection
Materials:	thermoplastic, halogen-free Contacts made of brass, surface-plated
Continuous temperature:	70 °C
Approval:	EN 61984 (VDE 0627)

Bore hole pattern for BST solder connectors
Female / male



Types of voltage: Use BST 14i3 connectors only in connection with a SELV or PELV voltage supply!

General note:

As per VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

Never temper with the cables and components!

Observe applicable accident prevention and safety regulations as well as local installation specifications.

According to the installation instructions, the live component **MUST** be a female connector.

It is not possible to install cables in a ring circuit!

Connectors must only be connected and disconnected without load.

The WIELAND concept is providing for the allocation of codings and colors to a specific application.

When using codings differently, the user must prevent a dangerous non-polarization.

Differing technical data must be taken into account by the user.

Technical data

ST 16

Components:

	Power
Poles:	2
Rated voltage:	48 V
Rated current:	25 A (for plug-in connectors only) Cable assemblies with fuse holder max. 15 A
Rated cross-section:	2.5 mm ² fine-stranded
Connection type:	Screw, crimp
Wire range:	Screw part: min. 0.5 mm ² ; max. 2.5 mm ² solid and fine-stranded, without ferrules.
Wire stripping length:	7 mm
Approvals:	VDE 0711 part 1 (DIN EN 60598-1) in connection with VDE 0609 part 1 (DIN EN 60999), VDE 0470 part 1 (DIN EN 60529), DIN IEC 352 part 2 Blade-type fuses type C as per DIN 72581 part 3 Transformer: MM, ENEC, VDE, CE
Degree of protection:	IP 20 as per DIN VDE 0470 part 1/11.92

Material:

Insulation:	PA 6.6 UL 94 V-0, permanent rigidity as per DIN VDE 0304, 20,000 h/5,000 h, 100/115 °C Glow wire test as per DIN VDE 0471 part 21 (IEC 695), 960 °C
Color:	white
Metal parts:	Silver-coated brass
Screw:	Steel, zinc-plated and chromated
Cable:	Strands 50 x 0.25 tin-plated, 2 layers halogen-free, flame-proof
Color:	white
Diameter:	3.9 < d < 4.2 mm Continuous temperature 120 °C
Fire load:	0.064 kWh/m
Mounting instruction:	Low-voltage lighting systems are only to be installed by a qualified electrician, satisfying DIN VDE 0100 part 559 and/or part 559/A2

Electronic transformer see next page ST17.

Technical data

ST 17

Components:

	Power
Poles:	2
Rated voltage:	48 V
Rated current:	16 A
Rated cross-section:	1.5/2.5/6 mm ²
Connection type:	Screw, crimp
Wire range:	Screw part: min. 0.5 mm ² ; max. 2.5 mm ²
Wire stripping length:	7 mm, with ferrules
Approvals:	Transformer: MM, ENEC, VDE; CE
Degree of protection:	IP 20 as per DIN VDE 0470 part 1/11.92

Material:

Insulation:	Thermoplastic PE compound, continuous temperature 110 °C
Color:	white
Metal parts:	Brass, surface-plated
Screw:	Steel, zinc-plated and chromated
Cable:	H05VV-F 2 x 1.5, FLKK 2 x 2.5
Color:	white
Mounting instruction:	Low-voltage lighting systems are only to be installed by a qualified electrician, satisfying DIN VDE 0100 part 559 and/or part 559/A2

Electronic transformer ST 16/ST 17:

Primary configuration:	with customizable cable GST18i3 or with screw clamp terminal pairs with strain relief
Secondary configuration:	with customizable cable ST16 or ST17
Primary rated voltage:	230 V AC, 50/60 Hz
Rated output voltage:	11.7 V
Power range:	35 – 105 W
Primary current:	0.45 A
Performance factor:	0.96 c
Efficiency:	95%
Ambient temperature t_a :	max. 50 °C at maximum load
Housing temperature t_c :	max. 90 °C at maximum load
Short circuit test:	electronically, automatic restart
Overload/overtemperature protection:	automatic power reduction to 70%, then switch-off
No-load operation:	protected
Fire protection:	switch-off in case of fault
Protection class:	II
Dimmable:	with Tronic dimmer and standard dimmer
Dimensions:	175 x 42 x 18 mm
Other:	controllable with trailing edge dimmer, not suitable for leading edge

Technical data GST08i2

General:

Number of poles:	2		
Rated values:	White coding: 250 V~, 2.5 A		
	Blue coding: 12 V, 6 A		
	Green coding: 24 V, 6 A		
	Red coding: 250 V~, 2.5 A		
Approvals:	EN 60320 (white coding) and EN 61984 (blue and green coding)		
Ambient temperature:	-5...+40 °C		
Operating temperature:	Max. 70 °C		
Materials:	Cables: PVC (H03V2V2H2-F) 90 °C continuous temperature		
	Insulation housing: PA 6		
	Housing: PVC		
Codings:	Different mechanical codings, identified by color. Observe differing rated voltages.		
Please note:	When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the nominal current of the GST08 components!		
	GST08 connectors are not a replacement for domestic plug and socket systems.		
	As per VDE0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.		
	gesis MICRO (GST08) is not intended for use in fixed installations as per IEC 61535.		
	Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Do not use third-party components.		
Cable assemblies:	Variations:	Extension cables	Female – male
		Connection cable	Female – free end
		Connection cable	Male – free end
		Adapter cables	Female GST 15 to male GST 08
		Distribution cables	Male connector to 6-fold distribution unit
Open line ends:	Sheath and insulation stripped and crimped with ferrules		

Technical data GST08i3

General:

Number of poles: 3
 Rated values: White coding: 250 V~, 6 A

Approvals: EN 60320

Ambient temperature: -5...+40 °C
 Operating temperature: Max. 70 °C

Materials: Cables: PVC (H03VV-F) 70 °C continuous temperature
 Insulation housing: PA 6
 Housing: PVC

Codings: One mechanical coding

Please note: When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the nominal current of the GST08 components!

GST08 connectors are not a replacement for domestic plug and socket systems.

As per VDE0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

gesis MICRO (GST08) is not intended for use in fixed installations.

Never tamper with the cables and components!
 Observe applicable accident prevention and safety regulations.
 Do not use third-party components.

Cable assemblies:	Variations:	Extension cables	Female – male
		Connection cable	Female – free end
		Connection cable	Male – free end
		Adapter cables	Female GST 15 to male GST08
		Distribution cables	Male connector to 6-fold distribution unit

Open line ends: Sheath and insulation stripped and crimped with ferrules

Technical data LST 03i2 ...i4

General:

Number of poles:	2 and 4 poles	
Rated values:	max. voltage	32 V
	max. current	3.0 A
Spacing:	2.5 mm	
Approvals:	VDE, UL	
Degree of protection:	IP20	
Ambient temperature:	-40...+120 °C	
Operating temperature:		

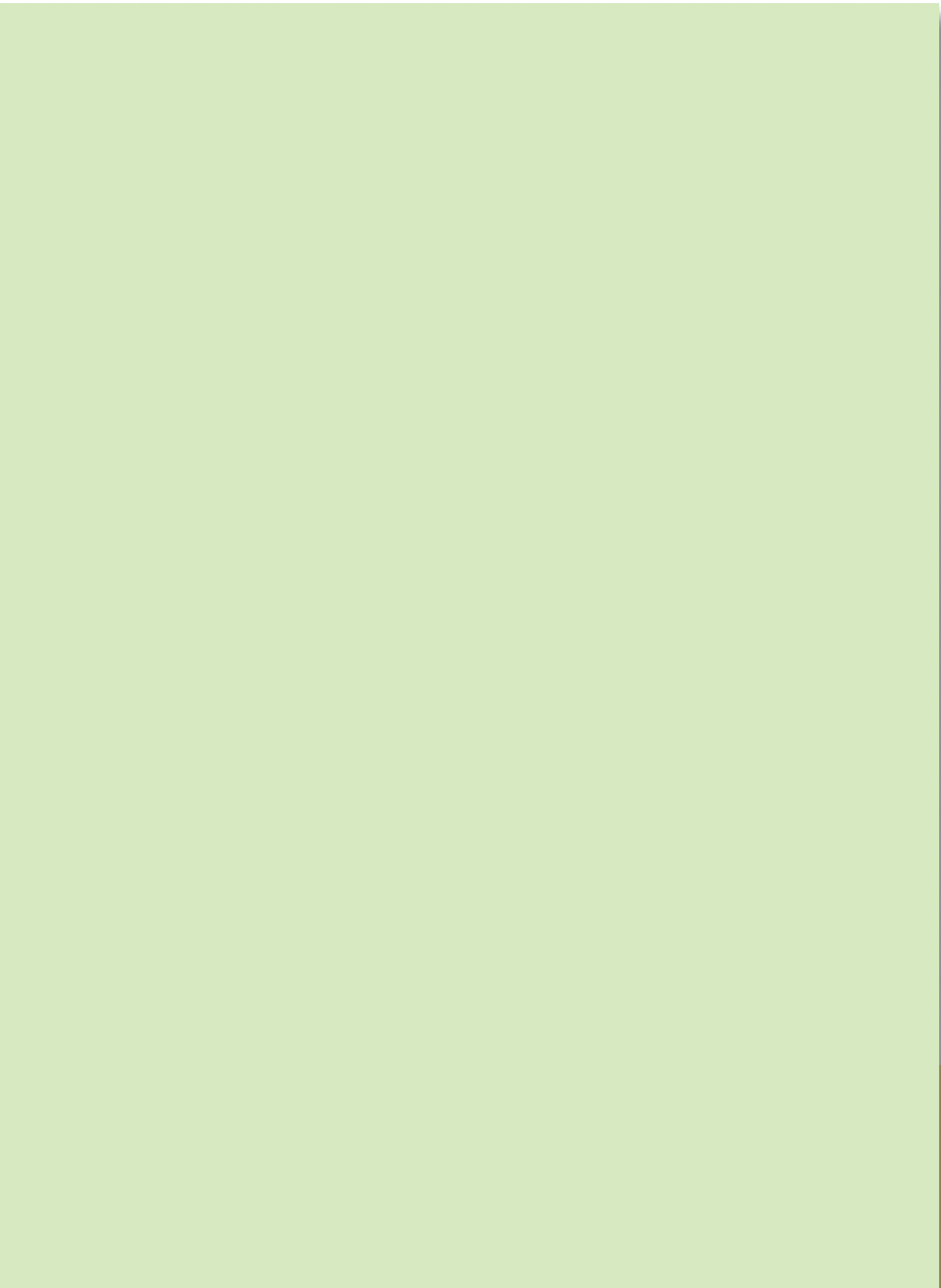
Materials:	Cables:	
	Insulation housing:	
	Housing:	
	PCB:	
Dimensions:	11.0 x 7.5/12.5 x 7.3 mm	
	Board thickness 1.55 mm ± 0.19 mm	
Cable:	0.22 – 0.35 mm ² (AWG 32 – 34)	

Codings: with/without center bridge

Please note:

Never tamper with the cables and components!
Observe applicable accident prevention and safety regulations.
Do not use third-party components.

Cable assemblies: Variants 2 or 4 pole: Cables Female / male are identical



Technical data

Flat cable system 2 pole

Components: Flat cable adapter for BST 14i2
Flat cable adapter for BST 14i3

Connection: Insulation piercing clamping with pluggable output as per Wieland coding BST 14

Clamping screws: Tightening torque: 1.0 Nm

Rated voltage: 50 V

Rated current: 3 A

Number of poles: 2 pole (+, -)

Regulations: KNX manual

Approval: as per KNX manual

Connection
cable for supply: Ø 3 – 8 mm

Materials: Insulation: thermoplastic, halogen-free
Cover: polycarbonate, transparent
Contact parts: brass, surface-plated
tin bronze, surface-plated

Continuous temperature: 70 °C, insulation 100 °C

Fire load: Flat cable adapter BST 14i 0.12 kWh

Coding: mechanical coding BST 14i,
black, green

General: **Use connectors only in connection with a SELV or PELV voltage supply!**

The voltage (supply) is fed to the flat cable with a screwable flat cable adapter.
The output boxes can be adapted using insulation piercing screw technology.
The outputs are pluggable with **gesis** connector systems.

Note: Functional safety can only be guaranteed, if the original cable is used.
The 2 pole flat cable with screen is not designed for use with dimming applications.

Flat cable, PVC

Quantity x cross section:	2 x 1.5 mm ²
Outer sheath:	PVC
Sheath color:	dark gray
Weight:	90 g/m
Dimensions (W x H):	11 x 6 mm
Fire load:	0.48 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332.1
Bending radius:	min. 4 x D (with fixed installation as per DIN VDE 0298-3)

Structure:

Copper wire:	tin-plated, as per CENELEC HD 383 S2 Class 5
Insulation:	PE as per DIN VDE 0207 part 2 2Y12
Wire colors:	beige
Screen:	Multiple aluminum strip screen, galvanically insulated

Technical data:

Cross section:	1.5 mm ²
Rated voltage:	300/300 V
Rated current:	3 A
DC resistance:	13.7 Ω/km
Capacitance:	70 pF/m
Attenuation at 1 MHz:	nom. 1.2 dB/100 m
Wave resistance at 1 MHz:	nom. 75 Ω

Flat cable, halogen-free

Quantity x cross section:	2 x 1.5 mm ²
Outer sheath:	Thermoplastic PE compound, halogen-free
Sheath color:	dark gray
Weight:	86 g/m
Dimensions (W x H):	11 x 6 mm
Fire load:	0.44 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332.1 Low smoke development as per IEC 61034-1/2
Bending radius:	min. 4 x D (with fixed installation as per DIN VDE 0298-3)

Structure:

Copper wire:	tin-plated, as per CENELEC HD 383 S2 Class 5
Insulation:	PE as per DIN VDE 0207 part 2 2Y12
Wire colors:	beige
Screen:	Multiple aluminum strip screen, galvanically insulated

Technical data:

Cross section:	1.5 mm ²
Rated voltage:	300/300 V
Rated current:	3 A
DC resistance:	13.7 Ω/km
Capacitance:	70 pF/m
Attenuation at 1 MHz:	nom. 1.2 dB/100 m
Wave resistance at 1 MHz:	nom. 75 Ω

Technical data

Flat cable system 5 pole, 2.5 mm²

Components:	Supply adapter for round cable Flat cable adapter GST 18i3 Flat cable adapter GST 18i5
Connection:	Insulation piercing clamping with pluggable output as per Wieland coding GST 18
Clamping screws:	Tightening torque: 0.8 Nm
Rated voltage:	250 V/400 V
Rated current:	16 A
Number of poles:	3/5 pole
Regulations:	IEC 61535 IEC 998-2-3, DIN EN 60998-2-3/VDE 0613-2-3
Approval:	VDE
Degree of protection:	IP 20, DIN VDE 0470 part 1/11.92
Connection cable for supply:	Ø 5 – 13 mm
Materials:	Insulation: thermoplastic PE compound, halogen-free Cover: polycarbonate, transparent Contact parts: brass, surface-plated tin bronze, surface-plated
Continuous temperature:	70 °C, insulation 100 °C
Fire load:	Flat cable adapter GST 18i5 0.27 kWh Flat cable adapter GST 18i3 0.18 kWh
Coding:	mechanical coding GST 18i, code 1, black
General:	<p>The voltage (supply) is fed to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. The outputs are pluggable with gesis connector systems.</p> <p>The connectors have to be locked together with the adapter. Use the according GST accessories for GST 18 components.</p> <p>Please observe the installation instructions for GST components.</p>
Note:	Functional safety can only be guaranteed, if the original cable is used. Wieland cannot assume any liability when using third-party products.

Flat cable, PVC

Quantity x cross section:	5 x 2.5 mm ²
Outer sheath:	PVC as per CENELEC HD 21.1 S2, TM2
Sheath color:	Light green RAL 6027
Weight:	270 g/m
Dimensions (W x H):	24 x 6 mm
Fire load:	0.778 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332.1
Bending radius:	min. 100 mm (with fixed installation as per DIN VDE 0298-3)

Structure:

Copper wire:	uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6
Insulation:	PVC as per CENELEC HD 21.1 S2, TI2
Wire colors*:	



Technical data:

Cross section:	2.5 mm ²
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Testing current:	as per IEC 60364-5-523
DC resistance:	7.98 Ω/km

Flat cable, halogen-free

Quantity x cross section:	5 x 2.5 mm ²
Outer sheath:	thermoplastic PE compound, halogen-free and no corrosive gases as per DIN VDE 0472 Part 813
Sheath color:	Light green RAL 6027
Weight:	260 g/m
Dimensions (W x H):	24 x 6 mm
Fire load:	0.671 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332.1. Low smoke development as per IEC 61034-1/2
Bending radius:	min. 100 mm ((in fixed installations as per DIN VDE 0298-3)

Structure:

Copper wire:	uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6
Insulation:	cross-linked, halogen-free and flame-retardant PE
Wire colors*:	



Technical data:

Cross section:	2.5 mm ²
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Testing current:	as per IEC 60364-5-523
DC resistance:	7.98 Ω/km

* The wire colors have been adjusted to the new European standard HD 208 S2. Assignment as per international recommendations.

Technical data

Flat cable system 5 pole, 10 mm²

Components:	Supply adapter for round cables 10 mm² Output adapter for round cables 2.5 – 4 mm²
Connection:	Insulation piercing clamp
Clamping screws:	Tightening torque: 0.8 Nm
Rated voltage:	250 V/400 V
Rated current:	50 A
Number of poles:	3/5 pole
Conductor structure:	77 x 0.40 (n x mm)
Sheath color:	Light green RAL 6027
Regulations:	IEC 998-2-3, DIN EN 60998-2-3/VDE 0613-2-3
Approval:	PVC: VDE
halogen-free:	VDE, SEV
Degree of protection:	IP 20, DIN VDE 0470 part 1/11.92
Connection cable for supply:	Ø 5 – 13 mm
Materials:	Insulation: PVC or PE Cover: polycarbonate, transparent Contact parts: Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5
Temperature range:	when stationary PVC: -15°C up to +70°C when stationary halogen-free: +15°C up to +70°C
Fire load:	Infeed for mains ~0.45 kWh Output for mains 0.62 kWh
General:	The voltage (supply) is fed to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology.
Properties halogen-free:	– Halogen-free as per DIN EN 50267-2-2 and DIN VDE 0482 part 267-2-2 (was CENELEC HD 602 and DIN VDE 0472 part 813), IEC 60754-2 – Low fire propagation as per IEC 60332-3 cat. C, CENELEC HD 405.3 – Minimal smoke development as per EN 50268, DIN VDE 0482 part 268, IEC 61034 – Self-extinguishing as per DIN EN 50265-2-1, VDE 0482 part 265-2-1 (was CENELEC HD 405.1 and DIN VDE 0472 part 804 B), IEC 60332-1
Note:	Functional safety can only be guaranteed, if the original cable is used.

Flat cable, PVC

Quantity x cross section:	5 x 10 mm ²
Outer sheath:	Insulation: PVC, as per CENELEC HD 21.1 S4, T12 Sheath: PVC, as per CENELEC HD 21.1 S4, TM2
Weight:	837 kg/km
Dimensions (W x H):	38.5 x 10.0 mm
Fire load:	2.138 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332-1, DIN EN 50265-2-1 (DIN VDE 0482 Part 265-2-1) (was CENELEC HD 405.1)
Bending radius:	min. 100 mm (in fixed installations as per DIN VDE 0298-3)

Structure:

Copper wire:	uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6
Insulation:	PVC as per CENELEC HD 21.1 S2, T12
Wire colors*:	brown, blue, green-yellow, black, gray



Technical data:

Cross section:	10 mm ²
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Printing:	5 G 10 MM ² , 1KV, VDE REG.NO. 9475

Flat cable, halogen-free

Quantity x cross section:	5 x 10 mm ²
Outer sheath:	Insulation: Cross-linked, halogen-free, flame-retardant PE as per DIN VDE 0207 part 22 "2X11" and following IEC 60502-1 "XLPE" Sheath: Thermoplastic and halogen-free compound as per DIN VDE 250 Part 214 „HM2“
Weight:	844 kg/km
Dimensions (W x H):	38.5 x 10.0 mm
Fire load:	1.835 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332.1. Low smoke development as per IEC 61034-1/2
Bending radius:	min. 100 mm (in fixed installations as per DIN VDE 0298-3)

Structure:

Copper wire:	Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5
Insulation:	cross-linked, halogen-free and flame-retardant PE
Wire colors*:	brown, blue, green-yellow, black, gray



Technical data:

Cross section:	10 mm ²
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Printing:	5 G 10 MM ² , FR/LSOH, 1KV, VDE REG.NO. 9480

* The wire colors have been adjusted to the new European standard HD 208 S2. Assignment as per international recommendations.

Technical data

Flat cable system 5 pole, 16 mm²

Components:	Supply adapter for round cables 5 x 16 mm² Output adapter for round cables 5 x 6 mm² Flat cable adapter incl. line circuit breaker with GST18 output
Connection:	Insulation piercing clamping with pluggable output as per Wieland coding GST
Clamping screws:	Tightening torque: 0.8 Nm
Rated voltage:	250 V/400 V
Rated current:	63 A
Number of poles:	3/5 pole
Conductor structure:	126 x 0.40 (n x mm)
Sheath color:	Light gray
Regulations:	IEC 998-2-3, DIN EN 60998-2-3/VDE 0613-2-3
Approval:	PVC: VDE
halogen-free:	VDE, SEV
Degree of protection:	IP 65
Connection cable for supply:	Ø 16 – 28 mm
Materials:	Insulation: PVC or PE Contact parts: Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5
Temperature range:	when stationary PVC: +15°C up to +70°C when stationary halogen-free: -15°C up to +90°C
Fire load:	Infeed for mains ~ 3.30 kWh Output for mains ~ 3.30 kWh
Adapter incl. LS switch:	Adaption with insulation-piercing clamp technology. 4 fused outputs GST18, code 1, black
General:	The supply and the output boxes can be adapted using insulation piercing screw technology. The adapter outputs can be plugged to a line circuit breaker with gesis GST18 connector systems. The connectors have to be locked together with the adapter. Use the according GST accessories for this purpose.
Properties PVC:	Especially resistant to oils and acids – ASTM oil 2 "CAL-2" = good – Hydraulic oil "Aeroshell No. 41" = very good – Resistance to acids = good to very good
Properties PE:	– Halogen-free as per DIN EN 50267-2-2 and DIN VDE 0482 part 267-2-2 (was CENELEC HD 602 and DIN VDE 0472 part 813), IEC 60754-2 – Low fire propagation as per IEC 60332-3 cat. C, CENELEC HD 405.3 – Minimal smoke development as per EN 50268, DIN VDE 0482 part 268, IEC 61034 – Self-extinguishing as per DIN EN 50265-2-1, VDE 0482 part 265-2-1 (was CENELEC HD 405.1 and DIN VDE 0472 part 804 B), IEC 60332-1
Note:	Functional safety can only be guaranteed, if the original cable is used.

Flat cable, PVC

Quantity x cross section: 5 x 16 mm²
 Outer sheath: Insulation: PVC, "TI3" as per CENELEC HD 21.1 S4
 Sheath: PVC, "DMV6" as per DIN VDE 0276-603 (VDE 0276 part 603): 2000-5 contains CENELEC HD 603 S1 + A1, oil resistance as "TM5" as per CENELEC HD 21.1 S4

Weight: 1255 kg/km
 Dimensions (W x H): 48.6 x 11.3 mm
 Fire load: 2.88 kWh/m
 Fire behavior: Self-extinguishing as per IEC 60332-1, DIN EN 50265-2-1 (DIN VDE 0482 Part 265-2-1) (was CENELEC HD 405.1)
 Bending radius: min. 100 mm (in fixed installations as per DIN VDE 0298-3)

Structure:

Copper wire: uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6
 Insulation: PVC as per CENELEC HD 21.1 S2, TI2
 Wire colors*: brown, blue, green-yellow, black, gray



Technical data:

Cross section: 16 mm²
 Testing voltage: 4 kV
 Rated voltage: 0.6 / 1 kV
 Printing: 5 G 16 MM², 1KV, VDE REG.NO. 9475

Flat cable, halogen-free

Quantity x cross section: 5 x 16 mm²
 Outer sheath: Insulation: Cross-linked, halogen-free, flame-retardant PE as per DIN VDE 0207 part 22 "2X11" and following IEC 60502-1 "XLPE"
 Sheath: Thermoplastic and halogen-free compound as per DIN VDE 250 Part 214 „HM2“

Weight: 1266 kg/km
 Dimensions (W x H): 48.6 x 11.3 mm
 Fire load: 2.48 kWh/m
 Fire behavior: Self-extinguishing as per IEC 60332.1. Low smoke development as per IEC 61034-1/2
 Bending radius: min. 100 mm (in fixed installations as per DIN VDE 0298-3)

Structure:

Copper wire: Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5
 Insulation: cross-linked, halogen-free and flame-retardant PE
 Wire colors*: brown, blue, green-yellow, black, gray



Technical data:

Cross section: 16 mm²
 Testing voltage: 4 kV
 Rated voltage: 0.6 / 1 kV
 Printing: 5 G 16 MM², FR/LSOH, 1KV, VDE REG.NO. 9480

* The wire colors have been adjusted to the new European standard HD 208 S2. Assignment as per international recommendations.

Technical data

Flat cable system 5 pole + 2 pole

Components:

Power

Supply adapter for round cables 5 x 2.5 mm²
 Flat cable adapter GST 18i5
 Flat cable adapter GST 18i3


Bus

Supply adapter for round cables 2 x 1.5 mm²
 Flat cable adapter BST 14i2
 Flat cable adapter BST 14i3


Connection:	Insulation piercing clamping with pluggable output as per Wieland coding GST, BST	
Clamping screws:	Tightening torque: 0.8 Nm	Tightening torque: 1.0 Nm
Rated voltage:	250 V/400 V	50 V
Rated current:	16 A	3 A
Number of poles:	3/5 pole	2 pole (+, -)
Regulations:	IEC 61535 IEC 998-2-3 (insulation-piercing clamp)	KNX manual
Approval:	VDE	as per KNX manual
Degree of protection:	IP 20, DIN VDE 0470 part 1/11.92	
Connection cable for supply:	Ø 5 – 13 mm	Ø 3 – 8 mm
Materials:	Insulation: thermoplastic PE compound, halogen-free Cover: polycarbonate, transparent Contact parts: brass, surface-plated tin bronze, surface-plated	
Continuous temperature:	70 °C, insulation 100 °C	
Fire load:	Flat cable adapter GST 18i5 Flat cable adapter GST 18i3 Flat cable adapter BST 14i	0.27 kWh 0.18 kWh 0.12 kWh
Coding:	mechanical coding GST 18i, code 1, black BST 14i2, green BST 14i3, black	
General:	<p>Use connectors (bus signal) only in connection with a SELV or PELV voltage supply! When using an ELV voltage supply for BST14, it has to be galvanically insulated (e.g. via transformer) and feature a base insulation.</p> <p>The voltage (supply) is fed to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. The outputs are pluggable with gesis connector systems. The connectors have to be locked together with the adapter. Use the according GST accessories for this purpose.</p>	
Note:	Functional safety can only be guaranteed, if the original cable is used. The 5+2 pole flat cable with screen is not suitable for use with dimming applications.	

* The wire colors have been adjusted to the new European standard HD 208 S2.
Assignment as per international recommendations.

Flat cable, PVC

	Power	Bus	
Quantity x cross section:	5 x 2.5 mm ²	2 x 1.5 mm ²	
Outer sheath:	PVC as per CENELEC HD 21.1 S2, TM2		
Sheath color:	purple RAL 4005	Capacitance:	70 pF/m
Weight:	350 g/m	Attenuation at 1 MHz:	nom. 1.2 dB/100 m
Dimensions (W x H):	32 x 6 mm	Wave resistance at 1 MHz:	nom. 75 Ω
Fire load:	1.18 kWh/m		
Fire behavior:	Self-extinguishing as per IEC 60332.1		
Bending radius:	min. 100 mm (in fixed installations as per DIN VDE 0298-3)		
Structure:			
Copper wire:	uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6		
Insulation:	PVC as per CENELEC HD 21.1 S2, TI2	PE as per DIN VDE 0207 part 2 2YI2	
Wire colors*:	 gray, black, brown, blue, green/yellow	beige Double aluminum strip screen, galvanically insulated	
Technical data:			
Testing voltage:	4 kV		
Rated voltage:	0.6 / 1 kV	300/300 V	
Testing current:	as per IEC 60364-5-523		
DC resistance:	7.98 Ω/km	13.7 Ω/km	

Flat cable, halogen-free

	Power	Bus	
Quantity x cross section:	5 x 2.5 mm ²	2 x 1.5 mm ²	
Outer sheath:	Thermoplastic PE compound, halogen-free and no corrosive gases as per DIN VDE 0472 Part 813	Capacitance:	70 pF/m
Sheath color:	purple RAL 4005	Attenuation at 1 MHz:	nom. 1.2 dB/100 m
Weight:	340 g/m	Wave resistance at 1 MHz:	nom. 75 Ω
Dimensions (W x H):	32 x 6 mm		
Fire load:	0.99 kWh/m		
Fire behavior:	Self-extinguishing as per IEC 60332.1, low fire propagation as per IEC 60332-3C Low smoke development as per IEC 61034-1/2		
Bending radius:	min. 100 mm (in fixed installations as per DIN VDE 0298-3)		
Structure:			
Copper wire:	uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6		
Insulation:	cross-linked, halogen-free and flame-retardant PE	PE as per DIN VDE 0207 part 2 2YI2	
Wire colors*:	 gray, black, brown, blue, green/yellow	beige Double aluminum strip screen, galvanically insulated	
Technical data:			
Testing voltage:	4 kV		
Rated voltage:	0.6 / 1 kV	300/300 V	
Testing current:	as per IEC 60364-5-523		
DC resistance:	7.98 Ω/km	13.7 Ω/km	

Exerpt from the technical basics. Properties of plastics – wire connections.

Electrical and thermal properties of plastics

Characteristics / properties	Standard	IEC	Unit	Type	Duroplast	Thermoplast							
					150	Polyamide						Polybutylene terephthalate	Poly-carbonate
						PA 6	PA 6 GF	PA 66	PA 66 GF	PA 66/6	PA 66/6 GF	PBT GF	PC
Dielectr. strength	VDE 0303-T21	IEC 243/1	kV / mm	dry/ moist	ca. 10	100 / 60	40 / 31	120 / 80	80 / 65	55 / 45	26 / 23	40	35
Dielectric loss tan Δ @ 1 MHz	VDE 0303-T4	IEC 250		dry/ moist	0.3	0.03 / 0.3	0.015 / -	0.025 / 0.2	0.02 / 0.1	0.02 / 0.3	0.016 / -	0.017	0.01
Specific feed-through resistance	VDE 0303-T30	IEC 93	Ω x cm	moist	10 ¹⁰	10 ¹²	10 ¹¹	10 ¹²	10 ¹²	10 ¹²	10 ¹⁵	10 ¹⁶	10 ¹⁵
Surface resistivity	VDE 0303-T30	IEC 93	Ω	moist	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁴	10 ¹³	10 ¹⁵
Tracking	VDE 0303-T1	IEC 112	CTI		600	600	550	600	550	600	325	200	225
Service temperature RTI*	UL 746 B		°C at 1.5 mm			130	140	125	115	120	140	140	130
Temperature index TI **	VDE 0304 T.21	IEC 216-1	°C		120 / 80	100 / 80	185 / 160	118 / 101	157 / 139	123 / 107		130 / 120	
Lower service temperature without mechanical stress			°C		-55	-40	-40	-40	-40	-40	-40	-40	-40
Flammability	UL 94		Class/material thickness		V0	V2 / 1.5	V2 / 0.8	V2 / 0.4	V0 / 0.8	V0 / 0.4	V0 / 1.5	V0 / 0.5	V0 / 1.04
Suitability for tropical climates					good	good	good	good	good	good	good	good	good

* electrical value
** based on 50% drop in ultimate tensile strength after 5000/20000 hours

Rated connection capacity and connectable conductor

Table 1 (EN 60999-1: 2000): Relation between rated connection capacity and conductor diameter

Nominal connection capacity	Theoretical diameter of the largest conductor							Connectable conductor	
	metric			AWG				rigid	flexible
	rigid		flexible	rigid		flexible			
	solid	stranded			^{b)}	^{b)} Class B	^{c)} Classes I, K, M		
mm ²	mm	mm	mm	Wire size	mm	mm	mm	To be specified in the relevant product standard.	
0.2	0.51	0.53	0.61	24	0.54	0.61	0.64		
0.34	0.63	0.66	0.8	22	0.68	0.71	0.80		
0.5	0.9	1.1	1.1	20	0.85	0.97	1.02		
0.75	1.0	1.2	1.3	18	1.07	1.23	1.28		
1.0	1.2	1.4	1.5	–	–	–	–		
1.5	1.5	1.7	1.8	16	1.35	1.55	1.60		
2.5	1.9	2.2	2.3 ^{a)}	14	1.71	1.95	2.08		
4.0	2.4	2.7	2.9 ^{a)}	12	2.15	2.45	2.70		
6.0	2.9	3.3	3.9 ^{a)}	10	2.72	3.09	3.36		
10.0	3.7	4.2	5.1	8	3.34	3.89	4.32		
16.0	4.6	5.3	6.3	6	4.32	4.91	5.73		

NOTE: The diameters of the largest rigid and flexible conductors are based on table 1 according to IEC 60 228A and IEC 60 344, and for AWG conductors on ASTM B 172-71 [4], ICEA Publication S-19-81 [5], ICEA Publication S-66-524 [6] and ICEA Publication S-66-516 [7].

^{a)} Dimensions only for flexible cables of Class 5 according to IEC 60 228A.
^{b)} Nominal diameter + 5%.
^{c)} Largest diameter for any of the three classes I, K, M, + 5%.

Wire connections.

Standard diameters of round copper wires AWG/metrical

Table 1 (EN 60947-1: 2007 + A1: 2011)

Approximated relation between mm ² and AWG/kcmil sizes		
Rated cross-section mm ²	AWG/kcmil size	Corresponding metrical diameter mm ²
0.1*	28	0.081
0.14*	26	0.128
0.2	24	0.205
0.34	22	0.324
0.5	20	0.519
0.75	18	0.82
1	–	–
1.5	16	1.3
2.5	14	2.1
4	12	3.3
6	10	5.3
10	8	8.4
16	6	13.3
25	4	21.2
35	2	33.6
–	1	42.4
50	0	53.5
70	00	67.4
95	000	85.0
–	0000	107.2
120	250 kcmil	127
150	300 kcmil	152
185	350 kcmil	177
240	500 kcmil	253
300	600 kcmil	304

* not standardized

Note: The dash, if it occurs, counts as a size with an assigned connection option (see 7.1.8.2)

Design and dimensions of solid, stranded, fine- and extra fine-stranded copper conductors

Excerpt from Table C.1 – Maximum diameters of round copper wires from VDE 0295: 2005

Nominal cross-section mm ²	solid		stranded		fine-stranded	
	Diameter maximum dim.	Number of strands	Diameter maximum dim.	Number of strands	Diameter maximum dim.	Number of strands Reference value
0.5	0.9	1	–	–	1.1	16
0.75	1.0	1	–	–	1.3	24
1	1.2	1	–	–	1.5	32
1.5	1.5	1	–	–	1.8	30
2.5	1.9	1	–	–	2.4	50
4	2.4	1	–	–	3.0	56
6	2.9	1	–	–	3.9	84
10	3.7	1	4.2	7	5.1	80
16	4.6	1	5.3	7	6.3	126

Current-carrying capacity of cables or wires

Recommended current-carrying capacity for sheathed and nonsheathed cables for fixed wirings in and around buildings and for flexible cables and cords can be found in DIN VDE 0298 part 4/06.2013.

Tightening torques for screw connections.

Tightening torques for screw connections.

Excerpt from EN 60947-1: 2007 + A1:2011

Tightening torques required for proof of the mechanical strength of screw connections

Table 4: **Tightening torques required for proof of the mechanical strength of screw connections**

Thread diameter (mm)				Tightening torque (Nm)		
Metric standard values	Diameter range			I	II	III
1.6	≤ 1.6			0.05	0.1	0.1
2.0	> 1.6	to	2.0	0.1	0.2	0.2
2.5	> 2.0	to	2.8	0.2	0.4	0.4
3.0	> 2.8	to	3.0	0.25	0.5	0.5
–	> 3.0	to	3.2	0.3	0.6	0.6
3.5	> 3.2	to	3.6	0.4	0.8	0.8
4	> 3.6	to	4.1	0.7	1.2	1.2
4.5	> 4.1	to	4.7	0.8	1.8	1.8
5	> 4.7	to	5.3	0.8	2.0	2.0
6	> 5.3	to	6.0	1.2	2.5	3.0
8	> 6.0	to	8.0	2.5	3.5	6.0
10	> 8.0	to	10.0	–	4.0	10.0
12	> 10	to	12	–	–	14.0
14	> 12	to	15	–	–	19.0
16	> 15	to	20	–	–	25.0
20	> 20	to	24	–	–	36.0
24	> 24			–	–	50.0

Column I: Applies to headless screws that do not protrude from the thread hole, and to screws that can only be fastened with screw drivers with a tip smaller than the thread core diameter.

Column II: Applies to nuts and screws that are fastened with screw drivers.

Column III: Applies to nuts and screws that are fastened with tools other than screw drivers.

Explanatory notes on standards – insulation coordination.

Insulation coordination

The recommended torques were determined in order to provide optimal conditions for the mechanical, thermal and electrical requirements within a practice-oriented tolerance range.

Additionally increasing the tightening torque of the terminal screw will not lead to significant improvements of the contact resistance. It is therefore recommended to refrain from tightening terminal screws with a higher torque than prescribed, although most Wieland terminals, particularly the DIN rail terminal blocks of the WK series, will withstand much higher tightening torques.

When exceeding the upper tolerance limit, the conductor and/or terminal can be damaged in extreme cases.

Insulation coordination for electrical equipment within low-voltage systems DIN EN 60664-1 (VDE 0110-1: 2008-01); (IEC 60664-1: 2007)

1 Area of application

This part of IEC 60664 contains definitions of insulation coordination for equipment in low-voltage systems. It applies to equipment used at a height of up to 2,000 m above sea level (NN) and with a rated alternated voltage of up to 1,000 V with nominal frequencies up to 30 kHz, or with a rated direct voltage up to 1,500 V.

It determines the requirements for clearances, creepage distances, and solid insulations of equipment based on their performance characteristics. Procedures for voltage testing regarding insulation coordination are also included.

The minimum clearances stipulated in this standard do not apply where ionized gases occur. Special requirements for such cases may be determined at the discretion of the responsible technical committee.

This standard does not cover clearances/distances

- due to liquid insulation
- due to gases other than air
- due to compressed air.

Note 1: Insulation coordination for electrical equipment within low-voltage systems with rated frequencies over 30 kHz are covered in IEC 60664-4.

Note 2: Higher voltages are permitted in internal equipment circuits.

Note 3: Requirements for heights above 2,000 m can be derived from Table A.2 of Appendix A.

This basic safety standard is to show technical committees responsible for the individual pieces of equipment how to achieve insulation coordination.

It summarizes required information as a guideline for technical committees to help determine clearances, creepage distances and solid insulations for equipment.

Product descriptions and labels

There are currently a number of equipment definitions where the rules of insulation coordination have not been incorporated yet. In addition, there are transition periods of up to five years for revised standards to replace older standards. This means that in the foreseeable future there will be products designed and labeled in accordance with the old dimensioning rules existing side by side with products designed in accordance with the rules of insulation coordination.

For this reason, we will state the dimensioning rules in accordance with the old and the new rules, wherever possible and applicable. A revision and modification of the labels of existing products will be made in the transition period following economic considerations.

Explanatory notes on standards – insulation coordination.

Indication of rated values

Rated voltage/rated impulse voltage/pollution degree e.g. 800 V/8 kV/3.

In this indication, the rated impulse voltage is positioned before the overvoltage category. The user can therefore choose the overvoltage category suitable in his case. The voltage values refer to overvoltage category III and pollution degree 3, if no rated impulse voltage is stated.

The stated wire strip lengths must be strictly observed, and when connecting the wires it must be made sure that the insulation is as close as possible to the metal terminal to avoid any decrease of creepage distances and clearances.

4.3.3.2 Overvoltage categories

4.3.3.2.1 General

The concept of overvoltage categories is applied to equipment directly fed by low-voltage systems. The overvoltage categories are based on probabilistic considerations rather than on an actual decrease of overvoltages during the installation.

Note 1: This concept of overvoltage categories is implemented in Section 443 of IEC 60364-4-44.

Note 2: The term overvoltage category in this standard is equivalent to the term impulse withstand voltage category used in Section 443 of IEC 60364-4-44.

A similar concept can be applied to equipment connected to other systems, e.g. telecommunication or data networks.

4.3.3.2.2 Equipment supplied directly from the low-voltage system

Technical committees have to define the overvoltage category based on the following general explanations of the overvoltage categories (see also IEC 60364-4-443):

– Equipment of **overvoltage category IV** is equipment for use at the point of connection of the installation.

Note 1: Examples for this type of equipment are electricity meters and primary overcurrent protection devices.

– Equipment of **overvoltage category III** is equipment in fixed installations and for cases with special requirements in terms of reliability and availability of the equipment.

Note 2: Examples for this type of equipment are switches in fixed installations and equipment for industrial use with continuous connection to the fixed installation.

– Equipment of **overvoltage category II** is energy consuming equipment that is supplied by the fixed installation.

Note 3: Examples for this type of equipment are household appliances, portable tools, and other domestic appliances as well as similar appliances. If such equipment needs to fulfil special requirements in terms of reliability and availability of the equipment, however, overvoltage category III must be applied

– Equipment of **overvoltage category I** is equipment for connection to a circuit with measures to limit the transient overvoltages to a suitable low value.

These measures must ensure that possible temporary overvoltages are limited so that the peak values will not exceed the relevant rated surge voltages given in Table 1.

Note 4: Examples for this type of equipment are types with electronic circuits and according protection level, for further information see the note in 4.2.5.

Note 5: If the circuits are not dimensioned for the temporary overvoltages, overvoltage category I equipment cannot be connected directly to the low-voltage system.

Explanatory notes on standards – insulation coordination.

4.3.3.2.3 Systems and equipment not directly supplied from the low-voltage system

It is recommended that technical committees define suitable overvoltage categories or corresponding rated impulse voltages; and to use the preferred row in 4.2.3.

Note 1: Examples for this type of systems are communication or industrial control systems or independent systems on vehicles.

4.6 Pollution

4.6.1 General

The micro environment determines the influence of pollution on the insulation. The macro environment, however, must also be taken into consideration when reviewing the micro environment.

Encasements (housings), enclosures or air-tight sealings can be measures to decrease pollution on the inspected insulation. These pollution-reducing measures may become ineffective, if the equipment is subject to condensation or if the pollution is caused by the equipment itself during normal operation.

Small clearances can be completely bridged by particles, dust, or water. Therefore minimum clearances are defined, if pollution may be present in the micro environment.

Note 1: Pollution becomes conductive when under the influence of moisture. Pollution caused by water deposition, soot, and metal or coal dust is always conductive.

Note 2: Conductive pollution caused by ionized gases and metal depositions is only created in certain cases, e.g. in arc chambers of switch and control gear. It is not covered by this part of IEC 60664.

4.6.2 Pollution degrees of the micro environment

The following four pollution degrees for the micro environment are defined to determine clearances and creepage distances:

- **Pollution degree 1** There is no or only dry, non-conductive pollution. The pollution has no effect.
- **Pollution degree 2** There is only non-conductive pollution. Occasional transient conductivity due to moisture condensation must be taken into account.
- **Pollution degree 3** Conductive pollution occurs or dry, non-conductive pollution that is expected to be conductive due to condensation.
- **Pollution degree 4** There is constant conductivity caused by conductive dust, rain or wetness.

4.8.1.3 Insulation material groups

This standard divides insulation materials into four groups, based on their CTI values that were calculated in accordance with IEC 60112 using Solution A.

These are:

Insulation material group I:	$600 \leq \text{CTI}$;
Insulation material group II:	$400 \leq \text{CTI} < 600$;
Insulation material group IIIa:	$175 \leq \text{CTI} < 400$;
Insulation material group IIIb:	$100 \leq \text{CTI} < 175$.

The proof tracking index (PTI) is used to verify the tracking properties of insulation materials. An insulation material may be classified into one of these four groups, provided that its PTI, which was determined in accordance with the procedure in IEC 60112 using Solution A, is not smaller than the lower limit for this group.

Explanatory notes on standards – insulation coordination.

Derivating the rated impulse voltage from the overvoltage category and assigning the nominal mains voltage to the rated impulse voltages for equipment

DIN EN 60664-1/VDE 0110 part 1:2008-01

Table F.1: **Rated impulse voltage for equipment that is directly fed by the low-voltage system**

Nominal voltage of the power supply system ¹⁾ (mains) in accordance with IEC 60038 ²⁾		Voltage from phase to neutral, derived from the nominal alternating or direct voltage up to and including V	Rated impulse voltage ²⁾			
Three-phase V	Single-phase V		Overvoltage category ⁴⁾			
			IV	IIV	IIIV	IVV
		50	330	500	800	1500
		100	500	800	1500	2500
	120 – 240	150 ⁵⁾	800	1500	2500	4000
230/400 277/480		300	1500	2500	4000	6000
400/690		600	2500	4000	6000	8000
1000		1000	4000	6000	8000	12000

¹⁾ For information on how to apply on existing, different low-voltage systems and their nominal voltages see Appendix B.

²⁾ Equipment with this rated impulse voltage may be used in installations in accordance with IEC 60364-4-44.

³⁾ The / slash indicates a three-phase-4-wire system. The lower value is the voltage from phase to neutral, while the higher value is the voltage from phase to phase. Where only value is given, it refers to three-phase-3-wire systems and indicates the voltage from phase to phase.

⁴⁾ For explanations on overvoltage categories see 4.3.3.2.2.

⁵⁾ The value of the rated impulse voltage, however, is derived from the phase to neutral columns for a voltage of 150 V (see Appendix B).

Explanatory notes on standards – insulation coordination.

Clearance dimensioning DIN EN 60664-1/VDE 0110-1: 2008-01

Table F.2: Clearances for transient overvoltages

Required impulse withstand voltage ^{1) 5)} kV	Minimum clearances up to heights of 2,000 m above NN							
	Condition A – inhomogeneous field (see 3.15)			Condition B – homogeneous field (see 3.14)				
	Pollution degree ⁶⁾			Pollution degree ⁶⁾				
	1 mm	2 mm	3 mm	1 mm	2 mm	3 mm		
0.33 ²⁾	0.01	0.2 ^{3) 4)}	0.8 ⁴⁾	0.01	0.2 ^{3) 4)}	0.8 ⁴⁾		
0.40	0.02			0.02				
0.50 ²⁾	0.04			0.04				
0.60	0.06			0.06				
0.80 ²⁾	0.10			0.10				
1.0	0.15			0.15				
1.2	0.25			0.25				
1.5 ²⁾	0.5			0.5			0.3	
2.0	1.0			1.0			0.45	0.45
2.5 ²⁾	1.5			1.5			0.60	0.60
3.0	2.0	2.0	0.80	0.80				
4.0 ²⁾	3.0	3.0	1.2	1.2	1.2			
5.0	4.0	4.0	1.5	1.5	1.5			
6.0 ²⁾	5.5	5.5	2.0	2.0	2.0			
8.0 ²⁾	8.0	8.0	3.0	3.0	3.0			
10	11	11	11	3.5	3.5	3.5		
12 ²⁾	14	14	14	4.5	4.5	4.5		
15	18	18	18	5.5	5.5	5.5		
20	25	25	25	8.0	8.0	8.0		
25	33	33	33	10	10	10		
30	40	40	40	12.5	12.5	12.5		
40	60	60	60	17	17	17		
50	75	75	75	22	22	22		
60	90	90	90	27	27	27		
80	130	130	130	35	35	35		
100	170	170	170	45	45	45		

- ¹⁾ This voltage is
 - for functional insulation: the highest expected impulse voltage at the clearance (see 5.1.5);
 - for basic insulation influenced directly or indirectly by transient overvoltages from the low-voltage system (see 4.3.3.3, 4.3.3.4.1, and 5.1.6): the rated impulse voltage of the equipment;
 - for other basic insulation (see 4.3.3.4.2): the highest impulse voltage that can occur in the circuit. For reinforced insulation see 5.1.6.
- ²⁾ Preferred values, as defined in 4.2.3.
- ³⁾ For circuit boards, the values of pollution degree 1 apply, provided the value does not fall below 0.04 mm, as defined in Table F.4.
- ⁴⁾ The minimum clearances for pollution degrees 2 and 3 are based on the stability of the related creepage distances that is reduced by the influence of moisture (see IEC 60664-5).
- ⁵⁾ Values may be interpolated for parts or circuits within equipment that has to endure impulse voltages corresponding to 4.3.3.4.2. By using the preferred columns of values from 4.2.3, however, standardization is achieved.
- ⁶⁾ The clearances for pollution degree 4 are equivalent to pollution degree 3, provided the minimum clearance is 1.6 mm.

Table A.2: Height correction factors

Height m	Normal air pressure kPa	Multiplication factor for clearances
2000	80.0	1.00
3000	70.0	1.14
4000	62.0	1.29
5000	54.0	1.48
6000	47.0	1.70
7000	41.0	1.95
8000	35.5	2.25
9000	30.5	2.62
10000	26.5	3.02
15000	12.0	6.67
20000	5.5	14.50

Explanatory notes on standards – insulation coordination.

Nominal voltage of the low-voltage system

DIN EN 60664/VDE 0110-1: 2008-01

Table F.3a: **Single-phase 3- or 2-wire alternating or direct voltage systems**

Nominal voltage of the power supply system (mains) *)	Voltages for Table F.4	
	for insulation phase-to-phase ¹⁾	for insulation phase-to-ground ¹⁾
	All systems	3-wire systems Neutral point grounded V
V	V	V
12.5	12.5	
24		
25	25	
30	32	
42		
48		
50**)	50	
60	63	
30 – 60	63	32
100**)	100	
110	125	
120		
150**)	160	
200	200	
100 – 200	200	100
220	250	
110 – 220		
120 – 240	250	125
300**)	320	
220 – 440	500	250
600**)	630	
480 – 960	1000	500
1000**)	1000	

¹⁾ Phase-to-ground insulation levels for ungrounded or impedance-grounded systems are equal to phase-to-phase levels as the operating voltage of every phase to the ground can actually achieve the phase-to-phase voltage. The reason for this is that the real voltage to earth is determined by the insulation resistance and by the capacitive reactance of every line to earth; so a low (but permissible) insulation resistance of a phase can effectively ground the phase and lift the other two to phase-to-phase voltage to earth.

*) For information on the correlation with the rated voltage see 4.3.2.

***) These values are equivalent to the values from Table F.1.

Table F.3b: **Three-phase 4- or 3-wire alternating voltage systems**

Nominal voltage of the power supply system (mains) *)	Voltages for Table F.4		
	for insulation phase-phase	for insulation phase-ground	
	All systems	Three-phase-4-wire systems with grounded neutral ²⁾	Three-phase-3-wire systems ungrounded ¹⁾ or conductor grounded V
V	V	V	V
60	63	32	63
110			
120	125	80	125
127			
150**)	160	–	160
200	200		200
208	200	125	200
220			
230	250	160	250
240			
300**)	320	–	320
380			
400	400	250	400
415			
440	500	250	500
480			
500	500	320	500
575	630	400	630
600**)	630	–	630
660			
690	630	400	630
720			
830	800	500	800
960	1000	630	1000
1000**)	1000	–	1000

¹⁾ Phase-to-ground insulation levels for ungrounded or impedance-grounded systems are equal to phase-to-phase levels as the operating voltage of every phase to the ground can actually achieve the phase-to-phase voltage. The reason for this is that the real voltage to earth is determined by the insulation resistance and by the capacitive reactance of every line to earth; so a low (but permissible) insulation resistance of a phase can effectively ground the phase and lift the other two to phase-to-phase voltage to earth.

²⁾ For equipment that is used in three-phase-4-wire systems as well as in three-phase-3-wire systems, and grounded as well as ungrounded, only the values for 3-wire systems shall be used.

*) For information on the correlation with the rated voltage see 4.3.2.

***) These values are equivalent to the values from Table F.1.

Explanatory notes on standards – degrees of protection.

Types of protection according to DIN EN 60529/ VDE 0470-1: 2000 – 09 (IEC 60529: 1989, +A1: 1999)

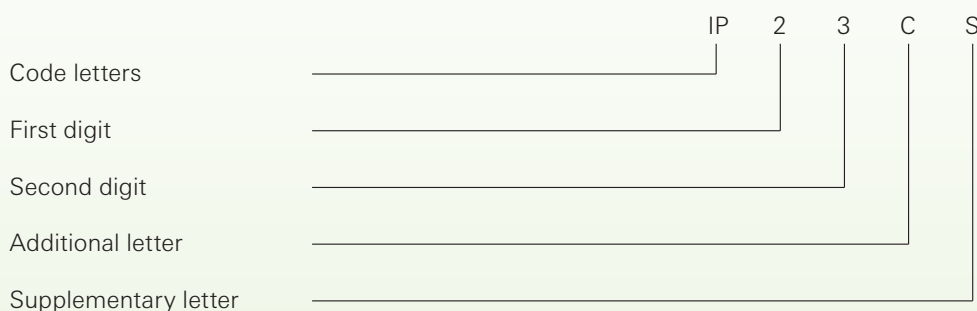
Connection materials like DIN rail terminal blocks, connecting terminals, PC board terminals, connectors, etc., that are used for installation inside equipment and systems, do not provide an enclosure with protection against accidental contact as defined by this standard. Therefore, no IP type of protection can be assigned.

The insulation part serves primarily as a functional insulation, but in addition it may provide protection against direct contact of live parts, e.g. by protecting fingers and/or back of the hands. The surface of the insulation part is not considered safe for contact.

The final contact protection is achieved by installation measures and by the outer encasement of the terminal equipment or the system.

Rating examples with the IP code

IP code using optional letters



An enclosure with this rating (IP code)

- 2 – protects persons against access of their fingers to hazardous parts;
– protects equipment within the enclosure against ingress of solid foreign objects with a diameter of 12.5 mm and more;
- 3 – protects equipment within the enclosure against harmful effects by water sprayed against the enclosure;
- C – protects persons handling tools with a diameter of 2.5 mm and more and a maximum length of 100 mm against access to hazardous parts (the tool can intrude into the enclosure with its full length);
- S – is tested for harmful ingress of water while all parts of the equipment are in standstill.

Explanatory notes on standards – degrees of protection.

IP code components and their meaning

A short description of the IP code components is given in the following table.

Component:	Numbers or letters	Indicates the protection degree of equipment :	Indicates the protection degree of persons :
Code letters	IP	–	–
First digit		Against ingress of solid foreign objects (not protected)	Against access to hazardous parts with (not protected)
	0	≥ 50 mm diameter	Back of hand
	1	≥ 12.5 mm diameter	Finger
	2	≥ 2.5 mm diameter	Tools
	3	≥ 1.0 mm diameter	Wire
	4	Dust protected	Wire
	5	Dust tight	Wire
Second digit		Against harmful ingress of water (not protected)	
	0	Dripping water	
	1	Dripping water (when tilted up to 15°)	
	2	Spraying water	
	3	Splashing of water	
	4	Water jets	
	5	Powerful water jets	
	6	Temporary immersion in water	
	7	Permanent submersion in water	
in accordance with IEC 60529: Ed. 2.2:2013-08	9	High pressure and temperature water jet	
Additional letter (optional)		–	Against access to hazardous parts with
	A		Back of hand
	B		Finger
	C		Tools
	D		Wire
Supplementary letter (optional)		Additional information particularly for	–
	H	high-voltage equipment	
	M	Device moving during water test	
	S	Device standing still during water test	
	W	Weather conditions	

Table 1: Types of protection against access to hazardous parts, indicated by the first digit

First digit	Degree of protection	
	Brief description	Definition
0	Not protected	–
1	Protected against access to hazardous parts with the back of a hand	The access probe, a sphere 50 mm diameter, shall have adequate clearance from hazardous parts
2	Protected against access to hazardous parts with a finger	The jointed test finger, 12 mm in diameter and 80 mm in length, shall have adequate clearance from hazardous parts
3	Protected against access to hazardous parts with a tool	The access probe of 2.5 mm in diameter shall not penetrate
4	Protected against access to hazardous parts with a wire	The access probe of 1.0 mm in diameter shall not penetrate
5	Protected against access to hazardous parts with a wire	The access probe of 1.0 mm in diameter shall not penetrate
6	Protected against access to hazardous parts with a wire	The access probe of 1.0 mm in diameter shall not penetrate

Note: For the first digits 3, 4, 5, 6, protection against access to hazardous parts is fulfilled, if adequate clearance is maintained. As the requirements of Table 2 also have to be met, the definition “shall not penetrate” was given in Table 1.

Explanatory notes on standards – degrees of protection.

Table 2: Degrees of protection against solid foreign objects

First digit	Degree of protection	
	Brief description	Definition
0	Not protected	–
1	Protected against solid foreign objects of 50 mm diameter and more	The object probe, a sphere 50 mm diameter, shall not fully penetrate*)
2	Protected against solid foreign objects of 12.5 mm diameter and more	The object probe, a sphere 12.5 mm diameter, shall not fully penetrate*)
3	Protected against solid foreign objects of 2.5 mm diameter and more	The object probe of 2.5 mm in diameter shall not penetrate at all *)
4	Protected against solid foreign objects of 1.0 mm diameter and more	The object probe of 1.0 mm in diameter shall not penetrate at all *)
5	Dust protected	Ingress of dust is not totally prevented, but dust shall not penetrate in a quantity sufficient to interfere with satisfactory operation of the apparatus or to impair safety
6	Dust tight	No ingress of dust

*) **Note:** The full diameter of the object probe shall not pass through the opening of the enclosure.

Table 4: Types of protection against access to hazardous parts, denoted by the additional letter

First digit	Degree of protection		Test conditions See section
	Brief description	Definition	
A	Protected against access with the back of the hand	The access probe, a sphere 50 mm diameter, shall have adequate clearance from hazardous parts	15.2
B	Protected against access with a finger	The jointed test finger, 12 mm in diameter and 80 mm in length, shall have adequate clearance from hazardous parts	15.2
C	Protected against access with a tool	The access probe, 2.5 mm in diameter and 100 mm in length, shall have adequate clearance from hazardous parts	15.2
D	Protected against access with a wire	The access probe, 1.0 mm in diameter and 100 mm in length, shall have adequate clearance from hazardous parts	15.2

Explanatory notes on standards – degrees of protection.

Table 3: Degree of protection against ingress of water, denoted by the second digit

Second digit	Degree of protection	
	Brief description	Definition
0	Not protected	–
1	Protected against vertically falling drops	Vertically falling drops shall have no harmful effect
2	Protected against vertically falling water drops when the enclosure is tilted at any angle up to 15°	Vertically falling water drops shall have no harmful effects when the enclosure is tilted at any angle up to 15° on either side of the vertical
3	Protected against spraying water	Water sprayed at any angle up to 60° on either side of the vertical shall have no harmful effects
4	Protected against splashing water	Water splashed against the enclosure from any direction shall have no harmful effects
5	Protected against water jets	Water projected in jets against the enclosure from any direction shall have no harmful effects
6	Protected against powerful water jets	Water projected in strong jets against the enclosure from any direction shall have no harmful effects
7	Protected against the effects of temporary immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time
8	Protected against the effects of continuous immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions agreed between the manufacturer and user but which are more severe than for digit 7.

Degree of protection against ingress of water, denoted by the second digit

The second digit indicates the level of protection that the enclosure provides against harmful ingress of water into the equipment.

Table 3 shows brief descriptions and definitions for the protection degrees represented by the second digit.

Degrees of protection listed in this table shall only be defined by the second digit and not by referring to the brief description or definition.

Up to the second digit 6, the rating indicates that all requirements for lower numbers are also fulfilled.

An enclosure only denoted with the second digit 7 or 8 is deemed unsuitable to resist water jets (denoted by the second digit 5 or 6) and does not have to fulfil the requirements of levels 5 or 6, unless it is given a double rating according to the following table:

Explanatory notes on standards – degrees of protection.

The enclosure fulfils the test for			
Water jets Second digit	Permanent/temporary submersion in water Second digit	Rating and label	Scope
5	7	IPX5 / IPX7	multi-purpose
6	7	IPX6 / IPX7	multi-purpose
5	8	IPX5 / IPX8	multi-purpose
6	8	IPX6 / IPX8	multi-purpose
	7	IPX7	restricted
	8	IPX8	restricted

Enclosures for “multi-purpose” use, as indicated in the last column, shall fulfil the requirements when required to resisting water jets, but also when subjected to temporary or permanent immersion in water.

Enclosures for “restricted” use, as indicated in the last column, are deemed suitable only for temporary or permanent immersion in water and as unsuitable when having to resist water jets.

Explanatory notes on standards – protection against electric shock.

DIN EN 50274/VDE 0660-514

Protection against electric shock – Protection against unintentional direct contact with hazardous live parts

This standard, that is quoted in **accident prevention regulation (Unfallverhütungsvorschrift) BGV A3**, is considered the basis for the design of electric equipment up to 1000 V z (1500 V z) regarding the protection against direct contact in cases when operating devices are near parts subject to hazardous contact and where these parts are handled by at least electrotechnically trained personnel (occasional handling).

For this, a protection compartment is determined, into which the operator has to reach for actuating the part (switches, push-buttons, knobs, etc.) when “occasionally handling” it. For the base area of this protection compartment, the following clearances are defined and required:

- 30 mm around the actuated part for “finger protection” and
- 100 mm around the actuated part for “protection of back of hand”.

BGV A3 addresses installers and/or the operating company of the electrical equipment to design, build and finally operate the system according to the accident prevention regulations. The installer must choose electrical equipment taking into account these requirements and provide accessory for its safe use, if necessary. Only the installer can confirm his system is conforming with BGV A3.

Wieland develop, build, and test their products in accordance with the relevant equipment and safety regulations that are also contained in BGV A3, and in addition offers various accessories fulfilling these requirements.

Standards – for electrotechnical products.

The DIN VDE 0100 range of standards

Erection of low voltage installations up to 1000 V

This VDE regulation is an erection regulation, but also contains important information for the manufacturer of equipment and construction elements, e.g. admissible wire loads, assignment of fuses, use of ground blocks and neutral disconnect blocks.

DIN EN 50110-1/VDE 0105 part 1: 2005-06

Operation of electrical installations

DIN EN 60664-1/VDE 0110 part 1: 2008-01

(IEC 60664-1: 2007), (German version EN 60664-1:2007)

Insulation coordination for electrical equipment within low-voltage systems

– Principles, requirements and tests

DIN EN 60204-1/VDE 0113 part 1: 2007-06

(IEC 60204-1: 2005)

Electrical equipment of machines

– Part 1: General requirements

DIN EN 61140/VDE 140 part 1: 2007-03

Protection against electric shock - Common aspects for installation and equipment

DIN EN 50178/VDE 0160: 1998-04

Electronic equipment for use in power installations

DIN IEC 60038/VDE 0175-1: 2012-04

IEC standard voltages

DIN EN 60529: VDE 0470 part 1: 2000-09

(IEC 60529: 1989, +A1: 1999)

Degrees of protection provided by enclosures (IP code)

DIN VDE 0606-1/VDE 0606 part 1: 2000-10

Connecting materials up to 690 V

– Installation boxes for accommodation of equipment and/or connecting terminals

DIN EN 61535 (VDE 0606-200): 2013-08

Installation couplers intended for permanent connection in fixed installations

E-DIN VDE 0606-201/VDE 0606 part 201: 2004-09

Installation material intended for permanent connection in fixed installations

Part 201: Electrical connectors for prefabricated components

DIN EN 60999: VDE 0609 part 1: 2000-12

(IEC 60999: 1999), German Version EN 60999-1: 2000

Connecting devices - Electrical copper conductors from 0.2 mm² up to 35 mm²;

Safety requirements for screw-type and screwless-type clamping units

DIN EN 60999-2/VDE 0609 part 101: 2004-04

(IEC 60999-2: 2003), German version EN 60999-2: 2003

Connecting devices - Electrical copper conductors from 35 mm² up to 300 mm²;

Safety requirements for screw-type and screwless-type clamping units

DIN EN 60998-1/VDE 0613-1: 2005-03

(IEC 60998-1: 1990, modified)

Connecting devices for low-voltage circuits for household and similar purposes

Part 1: General requirements

Standards – for electrotechnical products.

DIN EN 60998-2-1/VDE 0613 part 2-1: 2005-03

(IEC 60998-2-1: 1990, modified)

Connecting devices for low-voltage circuits for household and similar purposes

Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units

DIN EN 60998-2-3/VDE 0613 part 2-2: 2005-03

(IEC 60998-2-2: 1991)

Connecting devices for low-voltage circuits for household and similar purposes

Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units

DIN EN 60998-2-3/VDE 0613 part 2-3: 2005-03

(IEC 60998-2-3: 1991)

Connecting devices for low-voltage circuits for household and similar purposes

Part 2-3: Particular requirements for connecting devices as separate entities with insulation-piercing clamping units

DIN EN 61210/VDE 0613 part 6: 2011-06

(IEC 61210: 2010 modified)

Connecting devices – Electrical copper conductors

DIN EN 60320-1/VDE 0625 part 1: 2008-05

(IEC 60320-1: 2001)

Appliance couplers for household and similar general purposes

– Part 1: General requirements

DIN EN 60320-2-2/VDE 0625 part 2-2: 1999-09

(IEC 60320-2-2: 1998)

Appliance couplers for household and similar general purposes

Part 2-2: Interconnection couplers for household and similar equipment

DIN EN 60799/VDE 0626: 1999-06

(IEC 60799: 1998)

Cord sets and interconnection cord sets

DIN EN 61984/VDE 0627: 2009-11

(IEC 61984: 2008)

Connectors - Safety requirements and tests

DIN EN 60947-1/VDE 0660 part 100: 2011-10

(IEC 60947-1: 2007), German version EN 60947-1: 2007

Low-voltage switchgear and controlgear

Part 1: General rules

DIN EN 61439-1/VDE 0660-600-1: 2010-06

Low-voltage switchgear and controlgear

Part 1: General rules (IEC 61439-1:2009, modified)

DIN EN 61439-2/VDE 0660-600-2: 2012-06

Low-voltage switchgear and controlgear assemblies

– Part 2: Power switchgear and controlgear assemblies (IEC 61439-1: 2011)

Standards – for electrotechnical products.

DIN EN 50274/VDE 0660 part 514: 2002-11

Protection against electric shock

Protection against unintentional direct contact with hazardous live parts

DIN EN 60335-1/VDE 0700-1: 2012-10

(IEC 60325-1: 2010, modified)

Household and similar electrical appliances - Safety

Part 1: General requirements (modifications)

DIN EN 60598-1/VDE 0711 part 1: 2009-09

(IEC 60598-1: 2008, modified), German version EN 60598-1: 2008 + A11: 2009

Luminaires

Part 1: General requirements and tests

DIN EN 60127-2/VDE 0820 part 2: 2011-04

(IEC 60127-2: 2003 + A1: 2003)

Miniature fuses

DIN EN 60512-5-2: 01.03

Tests and measurements;

Test 5b: Current-temperature derating


DIN EN 60715: 05.01/DIN EN 60715: 2001-09

(IEC 60715: 1981 + A1: 1995), German version EN 60715: 01

Dimensions of low-voltage switchgear and controlgear

– Standardized mounting on rails for mechanical support of electrical devices in switchgear and controlgear installations

List of approval and testing authorities, certification marks, and testing laboratories

	DEKRA	DEKRA EXAM GmbH (BAS)
BSI	BSI	British Standards Institution, England
	BBJ	Biuro Badawcze ds. Jakosci, Poland
BV	BV	Bureau Veritas, France
	CSA	Canadian Standards Association, Canada
	AU	Chief Electrical Inspector, Victoria, Australia
	AU-DFT	Department of Fair Trading, NSW Consumer Protection Agency, Australia
	CEBEC	Comite Electrotechnique Belge, Belgium
	DEMKO	Danmarks Elektriske Materielkontrol, Denmark
	DNV	Det Norske Veritas, Norway
	ESTI	Eidgenössisches Starkstrominspektorat, Switzerland
EIBA	EIBA	European Installation Bus Association sc, Belgium
	FIMKO	Electrical Inspectorate, Finland
	GL	Germanischer Lloyd, Germany
	GS	Geprüfte Sicherheit, Germany
	IMQ	Instituto Italiano del Marchio di Qualita, Italy
	KEMA	Keuring van Elektrotechnische Materialen, Netherlands, KEMA-ATEX
LCIE	LCIE-EEX	Laboratoire Central des Industries Electriques, France
	LGA	Landesgewerbeanstalt Bayern, Germany
LR	LR	Lloyd's Register of Shipping, United Kingdom
	NEMKO	Norges Elektriske Materiellkontroll, Norway
	JET	Japan Electrical Safety & Environment Technology Laboratories
	CCC	CNCA Certification and Accreditation Administration of the People's Republic of China
	ÖVE	Österreichischer Verband für Elektrotechnik, Austria
PTB	PTB	Physikalisch-Technische Bundesanstalt, Germany
	DGUV	DGUV Test Prüf- und Zertifizierungsstelle Elektrotechnik Fachbereich Energie, Textil, Elektro, Medizinerzeugnisse der Deutschen Gesetzlichen Unfallversicherung e.V.
RINA	RINA	Registro Italiano Navale, Italy
	Belstandart	Rep. of Belarus

List of approval and testing authorities, certification marks, and testing laboratories

BKI-EEx	BKI-EEx	Robbanasbiztos Villamos Berendezesek Vizsgalo Allomasa, Hungary
	GOST R	Russian Federation
	SEV	Schweizerischer Elektrotechnischer Verein, Switzerland
SEV-EEX	SEV-EEX	SEV Ex-Labor "Explosionsschutz", Switzerland
	SEMKO	Svenska Elektriska Materielkontrollanstalten, Sweden
TÜV	TÜV	Technischer Überwachungsverein, Germany
ASTA	ASTA	The Association of Short Circuit Testing Authorityties, United Kingdom
	Ukrdershst	Ukrdershstandart, Ukraine
	ULlist	Underwriters Laboratories Inc.(UL Listed), USA
	ULrec	Underwriters Laboratories Inc.(UL Recogn.), USA
	UTE	Union Technique de l'Electricite, France
	VDE-UG	VDE Gutachten mit Fertigungsüberwachung, Germany
	VDE	Verband Deutscher Elektrotechniker e.V., Germany
	ZIK	Zavod za Ispitivanje Kvalitete robe, Rep. of Croatia
	C UR US	Underwr. Lab. Inc. (C-UL Recogn.-US), USA/Canada
	C UL US	Underwr. Lab. Inc. (C-UL Listed-US), USA/Canada
	C CSA US	Canadian Standard Association (CSA Listed-US), Canada/USA
	CCA	CENELEC CERTIFICATION AGREEMENT
	CB	IECEE-CB Scheme

34.532.3745.3	■ gesis I	206	91.023.0553.0	■ GST15	86	91.053.0053.1	■ GST15	89
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91.023.0153.1	■ GST15	86	91.052.0353.0	■ GST15	83	91.222.1063.1	■ GST15	93
91.023.0253.0	■ GST15	88	91.052.0453.0	■ GST15	85	91.222.1063.2	■ GST15	93
91.023.0353.0	■ GST15	86	91.052.0553.0	■ GST15	83	91.222.1063.6	■ GST15	93
91.023.0453.0	■ GST15	88	91.053.0053.0	■ GST15	89	91.222.1063.9	■ GST15	93

91.941.4053.0	■ GST15	78	92.031.4353.1	■ gesis ^{NRG}	155	92.041.0158.5	■ GST18	12
91.941.4053.1	■ GST15	78	92.031.4453.0	■ GST18	11	92.041.3253.0	■ GST18	8
91.941.9053.0	■ GST15	81	92.031.4453.1	■ GST18	11	92.041.3253.1	■ GST18	8
91.941.9053.1	■ GST15	81	92.031.4853.0	■ GST18	11	92.041.3453.0	■ GST18	8
91.942.3053.0	■ GST15	78	92.031.4953.0	■ GST18	11	92.041.3453.5	■ GST18	8
91.942.3053.1	■ GST15	78	92.031.5153.1	■ gesis ^{NRG}	153	92.041.3553.0	■ GST18	8
91.942.4053.0	■ GST15	78	92.031.5253.1	■ gesis ^{NRG}	153	92.041.3953.0	■ GST18	8
91.942.4053.1	■ GST15	78	92.031.5353.1	■ gesis ^{NRG}	153	92.041.8058.0	■ GST18	9
91.942.9053.0	■ GST15	81	92.031.7657.0	■ GST18	67	92.041.8258.0	■ GST18	9
91.942.9053.1	■ GST15	81	92.031.7657.1	■ GST18	67	92.041.9658.0	■ GST18	9
91.951.3053.0	■ GST15	79	92.031.7658.0	■ GST18	9	92.041.9658.1	■ GST18	9
91.951.3053.1	■ GST15	79	92.031.7658.1	■ GST18	9	92.041.9758.0	■ GST18	9
91.951.3353.0	■ GST15	79	92.031.8058.0	■ GST18	9	92.041.9758.5	■ GST18	9
91.951.3453.0	■ GST15	79	92.031.8258.0	■ GST18	9	92.042.0058.0	■ GST18	12
91.951.4053.0	■ GST15	79	92.031.8458.0	■ GST18	9	92.042.0058.1	■ GST18	12
91.951.4053.1	■ GST15	79	92.031.8558.0	■ GST18	9	92.042.0158.0	■ GST18	12
91.951.4353.0	■ GST15	79	92.031.8558.0	■ GST18	70	92.042.0158.5	■ GST18	12
91.951.4453.0	■ GST15	79	92.031.8758.0	■ GST18	11	92.042.3353.0	■ GST18	8
91.951.9053.0	■ GST15	81	92.031.8758.1	■ GST18	11	92.042.3353.1	■ GST18	8
91.951.9053.1	■ GST15	81	92.031.9658.0	■ GST18	9	92.042.3453.0	■ GST18	8
91.951.9353.0	■ GST15	81	92.031.9658.1	■ GST18	9	92.042.3453.5	■ GST18	8
91.951.9453.0	■ GST15	81	92.031.9758.0	■ GST18	9	92.042.3553.0	■ GST18	8
91.952.3053.0	■ GST15	79	92.031.9758.5	■ GST18	9	92.042.3953.0	■ GST18	8
91.952.3053.1	■ GST15	79	92.032.0058.0	■ GST18	12	92.042.8058.0	■ GST18	9
91.952.3353.0	■ GST15	79	92.032.0058.1	■ GST18	12	92.042.8258.0	■ GST18	9
91.952.3453.0	■ GST15	79	92.032.0058.1	■ GST18	21	92.042.9658.0	■ GST18	9
91.952.4053.0	■ GST15	79	92.032.0158.0	■ GST18	12	92.042.9658.1	■ GST18	9
91.952.4053.1	■ GST15	79	92.032.0158.5	■ GST18	12	92.042.9758.0	■ GST18	9
91.952.4353.0	■ GST15	79	92.032.0458.0	■ GST18	12	92.042.9758.5	■ GST18	9
91.952.4453.0	■ GST15	79	92.032.0458.0	■ GST18	21	92.043.0058.0	■ GST18	13
91.952.9053.0	■ GST15	81	92.032.0658.0	■ GST18	12	92.043.0058.1	■ GST18	13
91.952.9053.1	■ GST15	81	92.032.3358.0	■ GST18	8	92.043.0158.0	■ GST18	13
91.952.9353.0	■ GST15	81	92.032.3358.1	■ GST18	8	92.043.0158.5	■ GST18	13
91.952.9453.0	■ GST15	81	92.032.3458.0	■ GST18	8	92.044.0058.0	■ GST18	13
92.002.5053.0	■ GST18	58	92.032.3458.5	■ GST18	8	92.044.0058.1	■ GST18	13
92.002.5153.1	■ GST18	58	92.032.3558.0	■ GST18	8	92.044.0158.0	■ GST18	13
92.002.5253.1	■ GST18	58	92.032.3658.0	■ GST18	8	92.044.0158.5	■ GST18	13
92.002.5353.0	■ GST18	58	92.032.3758.0	■ GST18	8	92.050.0153.0	■ GST18	18
92.020.2053.0	■ GST18	22	92.032.3858.0	■ GST18	8	92.050.0153.1	■ GST18	18
92.030.0053.1	■ GST18	17	92.032.3958.0	■ GST18	8	92.050.0353.0	■ GST18	18
92.030.0153.1	■ GST18	17	92.032.7657.0	■ GST18	67	92.050.0353.1	■ GST18	18
92.030.0253.1	■ GST18	17	92.032.7657.1	■ GST18	67	92.050.1053.0	■ GST18	14
92.030.0353.1	■ GST18	17	92.032.7658.0	■ GST18	9	92.050.1053.1	■ GST18	14
92.030.1053.0	■ GST18	14	92.032.7658.1	■ GST18	9	92.050.1453.0	■ GST18	14
92.030.1053.1	■ GST18	14	92.032.8058.0	■ GST18	9	92.050.1853.0	■ GST18	18
92.030.1253.0	■ GST18	14	92.032.8258.0	■ GST18	9	92.050.2453.0	■ GST18	23
92.030.1253.1	■ GST18	14	92.032.8458.0	■ GST18	9	92.050.4153.0	■ GST18	14
92.030.1353.0	■ GST18	14	92.032.8558.0	■ GST18	9	92.050.4153.1	■ GST18	14
92.030.2153.0	■ GST18	22	92.032.8558.0	■ GST18	70	92.050.4253.0	■ GST18	14
92.030.2253.0	■ GST18	23	92.032.8758.0	■ GST18	11	92.050.4253.1	■ GST18	14
92.030.4853.0	■ GST18	16	92.032.8758.1	■ GST18	11	92.050.4353.0	■ GST18	14
92.030.4853.1	■ GST18	16	92.032.9658.0	■ GST18	9	92.050.4353.1	■ GST18	14
92.030.4953.0	■ GST18	16	92.032.9658.1	■ GST18	9	92.050.8053.0	■ gesis ^{NRG}	155
92.030.4953.1	■ GST18	16	92.032.9758.0	■ GST18	9	92.050.8153.0	■ gesis ^{NRG}	153
92.030.5253.0	■ GST18	17	92.032.9758.5	■ GST18	9	92.050.8253.0	■ gesis ^{NRG}	157
92.030.5253.1	■ GST18	17	92.033.0057.0	■ GST18	67	92.050.8353.0	■ gesis ^{NRG}	157
92.030.5353.0	■ GST18	17	92.033.0058.0	■ GST18	13	92.050.8453.0	■ gesis ^{NRG}	158
92.030.5353.1	■ GST18	17	92.033.0058.1	■ GST18	13	92.050.8553.0	■ gesis ^{NRG}	158
92.030.5853.0	■ GST18	20	92.033.0058.1	■ GST18	21	92.050.8653.0	■ gesis ^{NRG}	153
92.030.5958.0	■ GST18	20	92.033.0158.0	■ GST18	13	92.050.8853.0	■ gesis ^{NRG}	157
92.030.5958.1	■ GST18	20	92.033.0158.5	■ GST18	13	92.051.0058.0	■ GST18	12
92.030.6053.0	■ GST18	16	92.033.0458.0	■ GST18	13	92.051.0058.1	■ GST18	12
92.030.6053.1	■ GST18	16	92.033.0458.0	■ GST18	21	92.051.0258.0	■ GST18	12
92.031.0058.0	■ GST18	12	92.033.0758.0	■ GST18	13	92.051.0353.1	■ gesis ^{NRG}	155
92.031.0058.1	■ GST18	12	92.033.0758.0	■ GST18	69	92.051.0458.0	■ GST18	12
92.031.0058.1	■ GST18	21	92.033.0858.0	■ GST18	69	92.051.0553.1	■ gesis ^{NRG}	153
92.031.0158.0	■ GST18	12	92.034.0057.0	■ GST18	67	92.051.3153.0	■ GST18	8
92.031.0158.5	■ GST18	12	92.034.0058.0	■ GST18	13	92.051.3253.0	■ GST18	8
92.031.0458.0	■ GST18	12	92.034.0058.1	■ GST18	13	92.051.3253.1	■ GST18	8
92.031.0458.0	■ GST18	21	92.034.0058.1	■ GST18	21	92.051.3453.0	■ GST18	8
92.031.0758.0	■ GST18	12	92.034.0158.0	■ GST18	13	92.051.3453.5	■ GST18	8
92.031.3258.0	■ GST18	8	92.034.0158.5	■ GST18	13	92.051.3553.0	■ GST18	8
92.031.3258.1	■ GST18	8	92.034.0458.0	■ GST18	13	92.051.3753.0	■ GST18	8
92.031.3458.0	■ GST18	8	92.034.0458.0	■ GST18	21	92.051.3953.0	■ GST18	8
92.031.3458.5	■ GST18	8	92.034.0658.0	■ GST18	13	92.051.8058.0	■ GST18	10
92.031.3558.0	■ GST18	8	92.040.1053.0	■ GST18	14	92.051.8258.0	■ GST18	10
92.031.3658.0	■ GST18	8	92.040.1053.1	■ GST18	14	92.051.8358.0	■ GST18	10
92.031.3758.0	■ GST18	8	92.040.1153.0	■ GST18	14	92.051.8658.0	■ GST18	10
92.031.3858.0	■ GST18	8	92.040.1153.5	■ GST18	14	92.051.9658.0	■ GST18	10
92.031.3958.0	■ GST18	8	92.041.0058.0	■ GST18	12	92.051.9658.1	■ GST18	10
92.031.4153.1	■ gesis ^{NRG}	155	92.041.0058.1	■ GST18	12	92.051.9758.0	■ GST18	10
92.031.4253.1	■ gesis ^{NRG}	155	92.041.0158.0	■ GST18	12	92.051.9758.5	■ GST18	10

92.258.5004.9	■	GST18	53	92.932.4053.0	■	GST18	6	93.082.1558.1	■	gesis NV	140
92.258.5060.1	■	GST18	51	92.933.0053.0	■	GST18	7	93.420.0053.0	■	gesis NV	125
92.258.5060.2	■	GST18	51	92.933.0053.1	■	GST18	7	93.420.0453.0	■	gesis NV	125
92.258.5060.9	■	GST18	51	92.933.0153.0	■	GST18	7	93.420.0653.0	■	gesis NV	125
92.258.5063.1	■	GST18	52	92.933.0153.5	■	GST18	7	93.420.1053.0	■	gesis NRG	155
92.258.5063.2	■	GST18	52	92.933.0453.0	■	GST18	7	93.420.4553.0	■	gesis NV	125
92.258.5063.9	■	GST18	52	92.933.0553.0	■	GST18	7	93.420.4653.0	■	gesis NV	125
92.258.5064.1	■	GST18	53	92.933.0653.0	■	GST18	7	93.421.0353.1	■	gesis NV	123
92.258.5064.2	■	GST18	53	92.933.0753.0	■	GST18	7	93.421.0553.1	■	gesis NV	122
92.258.5064.9	■	GST18	53	92.934.0053.0	■	GST18	7	93.421.0653.1	■	gesis NV	124
92.258.6000.1	■	GST18	51	92.934.0053.1	■	GST18	7	93.421.0853.0	■	gesis NRG	155
92.258.6000.2	■	GST18	51	92.934.0153.0	■	GST18	7	93.421.0953.0	■	gesis NRG	152
92.258.6000.9	■	GST18	51	92.934.0153.5	■	GST18	7	93.421.2853.1	■	gesis NRG	155
92.258.6003.1	■	GST18	52	92.934.0453.0	■	GST18	7	93.421.2953.1	■	gesis NRG	152
92.258.6003.2	■	GST18	52	92.934.0553.0	■	GST18	7	93.421.4353.1	■	gesis NV	123
92.258.6003.9	■	GST18	52	92.934.0653.0	■	GST18	7	93.421.4553.1	■	gesis NV	122
92.258.6004.1	■	GST18	53	92.934.0753.0	■	GST18	7	93.421.4653.1	■	gesis NV	124
92.258.6004.2	■	GST18	53	92.943.0053.0	■	GST18	7	93.422.0353.1	■	gesis NV	123
92.258.6004.9	■	GST18	53	92.943.0053.1	■	GST18	7	93.422.0553.1	■	gesis NV	122
92.258.6060.1	■	GST18	51	92.943.0153.0	■	GST18	7	93.422.0653.1	■	gesis NV	124
92.258.6060.2	■	GST18	51	92.943.0153.5	■	GST18	7	93.422.4353.1	■	gesis NV	123
92.258.6060.9	■	GST18	51	92.943.0353.0	■	GST18	7	93.422.4553.1	■	gesis NV	122
92.258.6063.1	■	GST18	52	92.943.0453.0	■	GST18	7	93.422.4653.1	■	gesis NV	124
92.258.6063.2	■	GST18	52	92.943.3053.0	■	GST18	6	93.430.2053.0	■	gesis NV	126
92.258.6063.9	■	GST18	52	92.943.3053.1	■	GST18	6	93.430.2053.1	■	gesis NV	126
92.258.6064.1	■	GST18	53	92.943.3057.0	■	GST18	66	93.430.2453.0	■	gesis NV	126
92.258.6064.2	■	GST18	53	92.943.3253.0	■	GST18	6	93.430.2453.1	■	gesis NV	126
92.258.6064.9	■	GST18	53	92.943.3353.0	■	GST18	6	93.430.2653.0	■	gesis NV	126
92.258.7000.1	■	GST18	51	92.943.3553.0	■	GST18	6	93.430.2653.1	■	gesis NV	126
92.258.7000.2	■	GST18	51	92.943.3553.5	■	GST18	6	93.431.2353.0	■	gesis NV	123
92.258.7000.9	■	GST18	51	92.944.0053.0	■	GST18	7	93.431.2353.1	■	gesis NV	123
92.258.7003.1	■	GST18	52	92.944.0053.1	■	GST18	7	93.431.2553.0	■	gesis NV	122
92.258.7003.2	■	GST18	52	92.944.0153.0	■	GST18	7	93.431.2553.1	■	gesis NV	122
92.258.7003.9	■	GST18	52	92.944.0153.5	■	GST18	7	93.431.2653.0	■	gesis NV	124
92.258.7004.1	■	GST18	53	92.944.0353.0	■	GST18	7	93.431.2653.1	■	gesis NV	124
92.258.7004.2	■	GST18	53	92.944.0453.0	■	GST18	7	93.432.2353.0	■	gesis NV	123
92.258.7004.9	■	GST18	53	92.944.3053.0	■	GST18	6	93.432.2353.1	■	gesis NV	123
92.258.7060.1	■	GST18	51	92.944.3053.1	■	GST18	6	93.432.2553.0	■	gesis NV	122
92.258.7060.2	■	GST18	51	92.944.3057.0	■	GST18	66	93.432.2553.1	■	gesis NV	122
92.258.7060.9	■	GST18	51	92.944.3253.0	■	GST18	6	93.432.2653.0	■	gesis NV	124
92.258.7063.1	■	GST18	52	92.944.3353.0	■	GST18	6	93.432.2653.1	■	gesis NV	124
92.258.7063.2	■	GST18	52	92.944.3553.0	■	GST18	6	93.572.0053.0	■	gesis NV	148
92.258.7063.9	■	GST18	52	92.944.3553.5	■	GST18	6	93.572.0153.0	■	gesis NV	148
92.258.7064.1	■	GST18	53	92.953.4053.0	■	GST18	6	93.574.0053.0	■	gesis NV	148
92.258.7064.2	■	GST18	53	92.953.4053.1	■	GST18	6	93.574.0153.0	■	gesis NV	148
92.258.7064.9	■	GST18	53	92.953.4057.0	■	GST18	66	93.941.0558.0	■	gesis NV	138
92.258.8000.1	■	GST18	51	92.953.4153.0	■	GST18	6	93.941.0558.1	■	gesis NV	138
92.258.8000.2	■	GST18	51	92.953.4253.0	■	GST18	6	93.941.4158.0	■	gesis NV	138
92.258.8000.9	■	GST18	51	92.953.4353.0	■	GST18	6	93.941.4158.0	■	gesis NV	138
92.258.8003.1	■	GST18	52	92.953.4453.0	■	GST18	6	93.942.0558.0	■	gesis NV	138
92.258.8003.2	■	GST18	52	92.953.4553.0	■	GST18	6	93.942.0558.1	■	gesis NV	138
92.258.8003.9	■	GST18	52	92.953.4553.5	■	GST18	6	93.942.4158.0	■	gesis NV	138
92.258.8004.1	■	GST18	53	92.954.4053.0	■	GST18	6	93.942.4158.1	■	gesis NV	138
92.258.8004.2	■	GST18	53	92.954.4053.1	■	GST18	6	94.122.0203.1	■	gesis NV	142
92.258.8004.9	■	GST18	53	92.954.4057.0	■	GST18	66	94.122.0203.2	■	gesis NV	142
92.258.8060.1	■	GST18	51	92.954.4153.0	■	GST18	6	94.122.0303.1	■	gesis NV	142
92.258.8060.2	■	GST18	51	92.954.4253.0	■	GST18	6	94.122.0303.2	■	gesis NV	142
92.258.8060.9	■	GST18	51	92.954.4353.0	■	GST18	6	94.122.0304.1	■	gesis NV	143
92.258.8063.1	■	GST18	52	92.954.4453.0	■	GST18	6	94.122.0500.1	■	gesis NV	142
92.258.8063.2	■	GST18	52	92.954.4553.0	■	GST18	6	94.122.0500.2	■	gesis NV	142
92.258.8063.9	■	GST18	52	92.954.4553.5	■	GST18	6	94.122.0503.1	■	gesis NV	142
92.258.8064.1	■	GST18	53	92.968.0158.1	■	GST18	21	94.122.0503.2	■	gesis NV	142
92.258.8064.2	■	GST18	53	92.969.0158.1	■	GST18	21	94.122.0504.1	■	gesis NV	143
92.258.8064.9	■	GST18	53	93.010.0153.0	■	gesis NV	135	94.122.0800.1	■	gesis NV	142
92.731.6053.0	■	GST18	18	93.016.0053.0	■	gesis NV	134	94.122.1000.1	■	gesis NV	142
92.931.3053.0	■	GST18	6	93.040.0258.0	■	gesis NV	147	94.122.1000.2	■	gesis NV	142
92.931.3053.1	■	GST18	6	93.040.1053.0	■	gesis NV	141	94.122.1003.1	■	gesis NV	142
92.931.3057.0	■	GST18	66	93.040.1053.1	■	gesis NV	141	94.122.1003.2	■	gesis NV	142
92.931.3453.0	■	GST18	6	93.040.1153.0	■	gesis NV	141	94.122.1004.1	■	gesis NV	143
92.931.3453.5	■	GST18	6	93.040.1153.1	■	gesis NV	141	94.122.1500.1	■	gesis NV	142
92.931.3553.0	■	GST18	6	93.040.1253.0	■	gesis NV	141	94.122.1500.2	■	gesis NV	142
92.931.3653.0	■	GST18	6	93.040.1253.1	■	gesis NV	141	94.122.1503.1	■	gesis NV	142
92.931.3853.0	■	GST18	6	93.040.1353.0	■	gesis NV	141	94.122.1504.1	■	gesis NV	143
92.931.4053.0	■	GST18	6	93.040.1353.1	■	gesis NV	141	94.122.2000.1	■	gesis NV	142
92.932.3053.0	■	GST18	6	93.040.2050.0	■	gesis NV	141	94.122.2000.2	■	gesis NV	142
92.932.3053.1	■	GST18	6	93.041.0253.0	■	gesis NV	139	94.122.2003.1	■	gesis NV	142
92.932.3057.0	■	GST18	66	93.041.0258.0	■	gesis NV	139	94.122.2003.2	■	gesis NV	142
92.932.3453.0	■	GST18	6	93.042.0253.0	■	gesis NV	139	94.122.2004.1	■	gesis NV	143
92.932.3453.5	■	GST18	6	93.042.0258.0	■	gesis NV	139	94.122.2500.1	■	gesis NV	142
92.932.3553.0	■	GST18	6	93.081.1558.0	■	gesis NV	140	94.122.2503.1	■	gesis NV	142
92.932.3653.0	■	GST18	6	93.081.1558.1	■	gesis NV	140	94.122.2504.1	■	gesis NV	143
92.932.3853.0	■	GST18	6	93.082.1558.0	■	gesis NV	140	94.122.3000.1	■	gesis NV	142

99.409.0000.8	GST08	113	99.470.5772.2	GST18	15	G1.055.0302.1	gesis GB	182
99.410.0000.8	GST08	112	99.470.9999.9	gesis NV	146	G1.055.0302.7	gesis GB	182
99.411.0000.8	GST08	110	99.471.0000.0	gesis NV	127	G1.055.0402.1	gesis GB	182
99.411.0028.0	GST18	54	99.472.0000.0	gesis NV	127	G1.055.0402.7	gesis GB	182
99.412.0000.8	GST08	110	99.472.0000.8	GST08	108	G1.055.0502.1	gesis GB	182
99.412.0028.0	GST18	54	99.474.9999.9	gesis NV	146	G1.055.0502.7	gesis GB	182
99.413.0000.8	GST08	109	99.477.0000.0	gesis NRG	154	G1.055.0702.1	gesis GB	182
99.413.0028.0	GST18	54	99.477.9999.9	gesis NV	146	G1.055.0702.7	gesis GB	182
99.414.0000.8	GST08	111	99.479.9999.9	gesis NV	146	G1.055.1002.1	gesis GB	182
99.414.0028.0	GST18	54	99.491.0000.0	GST15	105	G1.055.1002.7	gesis GB	182
99.415.0000.8	GST08	111	99.500.0028.0	GST18	60	G1.063.0203.1	gesis GB	185
99.415.0028.0	GST18	54	99.501.0028.0	GST18	60	G1.063.0303.1	gesis GB	185
99.416.0000.8	GST08	112	99.502.0028.0	GST18	60	G1.063.0403.1	gesis GB	185
99.416.0028.0	GST18	54	99.503.0028.0	GST18	60	G1.063.0503.1	gesis GB	185
99.417.0000.8	GST08	110	99.600.0000.0	GST18	22	G1.063.0603.1	gesis GB	185
99.417.0028.0	GST18	54	99.600.0028.0	GST18	59	G1.063.0703.1	gesis GB	185
99.418.0000.8	GST08	110	99.601.0028.0	GST18	59	G1.063.1003.1	gesis GB	185
99.418.0028.0	GST18	54	99.602.0028.0	GST18	59	G1.066.0202.7	GST18	54
99.419.0000.8	GST08	109	99.612.0028.0	GST18	59	G1.066.0202.7	gesis GB	184
99.420.0000.8	GST08	118	99.652.0028.0	GST18	59	G1.066.0302.7	GST18	54
99.420.5772.2	GST18	15	99.653.0028.0	GST18	59	G1.066.0302.7	gesis GB	184
99.421.0000.8	GST08	117	G0.000.0044.7	gesis NRG	158	G1.066.0402.7	GST18	54
99.421.5772.2	GST18	15	G0.000.0086.0	GST18	68	G1.066.0402.7	gesis GB	184
99.422.0000.8	GST08	119	G0.000.0086.1	GST18	68	G1.066.0502.7	GST18	54
99.422.5772.2	GST18	15	G0.000.0086.2	GST18	68	G1.066.0502.7	gesis GB	184
99.423.0000.8	GST08	118	G0.000.0086.3	GST18	68	G1.066.0602.7	GST18	54
99.424.0000.8	GST08	118	G0.000.0086.4	GST18	71	G1.066.0602.7	gesis GB	184
99.424.9910.0	gesis GB	164	G0.000.0086.5	GST18	71	G1.066.0702.7	GST18	54
99.425.0000.8	GST08	116	G0.000.0086.6	GST18	71	G1.066.0702.7	gesis GB	184
99.426.0000.8	GST08	110	G0.000.0086.7	GST18	71	G1.066.1002.7	GST18	54
99.427.0000.0	GST15	105	G0.000.0086.8	GST18	71	G1.066.1002.7	gesis GB	184
99.427.0000.8	GST08	110	G0.000.0086.9	GST18	71	G1.130.3813.1	gesis GB	174
99.428.0000.8	GST08	112	G0.000.0502.3	GST18	68	G1.130.3823.1	gesis GB	174
99.429.0000.8	GST08	112	G0.000.0502.4	GST18	68	G1.131.1370.1	gesis GB	175
99.431.0028.0	GST18	54	G0.000.0539.8	GST18	72	G1.132.4403.1	gesis GB	174
99.432.0028.0	GST18	54	G0.000.0539.9	GST18	72	G1.140.4813.1	gesis GB	174
99.433.0028.0	GST18	54	G1.033.0102.2	gesis GB	176	G1.140.4823.1	gesis GB	174
99.434.0028.0	GST18	54	G1.033.0202.2	gesis GB	176	G1.141.1300.1	gesis GB	175
99.435.0028.0	GST18	54	G1.033.0302.2	gesis GB	176	G1.142.4403.1	gesis GB	174
99.436.0028.0	GST18	54	G1.033.0402.2	gesis GB	176	G1.162.6603.1	gesis GB	175
99.437.0028.0	GST18	54	G1.033.0502.2	gesis GB	176	G1.162.6603.7	gesis GB	175
99.438.0000.8	GST08	109	G1.033.0602.2	gesis GB	176	G1.333.0102.2	gesis GB	176
99.438.0028.0	GST18	54	G1.033.0702.2	gesis GB	176	G1.333.0202.2	gesis GB	176
99.439.0000.8	GST08	109	G1.033.0802.2	gesis GB	176	G1.333.0302.2	gesis GB	176
99.441.0000.8	GST08	108	G1.033.0902.2	gesis GB	176	G1.333.0402.2	gesis GB	176
99.443.0000.8	GST08	108	G1.033.1002.2	gesis GB	176	G1.333.0502.2	gesis GB	176
99.445.0000.8	GST08	108	G1.044.0102.1	gesis GB	178	G1.333.0602.2	gesis GB	176
99.449.9999.9	gesis NV	134	G1.044.0102.2	gesis GB	178	G1.333.0702.2	gesis GB	176
99.449.9999.9	gesis NV	140	G1.044.0103.1	gesis GB	180	G1.333.0802.2	gesis GB	176
99.450.0000.0	GST08	119	G1.044.0103.2	gesis GB	180	G1.333.0902.2	gesis GB	176
99.451.0000.0	GST08	119	G1.044.0202.1	gesis GB	178	G1.333.1002.2	gesis GB	176
99.451.0028.0	GST18	55	G1.044.0202.2	gesis GB	178	G1.344.0102.1	gesis GB	178
99.452.0028.0	GST18	55	G1.044.0203.1	gesis GB	180	G1.344.0102.2	gesis GB	178
99.452.9910.0	GST18	20	G1.044.0203.2	gesis GB	180	G1.344.0103.1	gesis GB	180
99.453.0000.8	GST08	109	G1.044.0302.1	gesis GB	178	G1.344.0103.2	gesis GB	180
99.453.0028.0	GST18	55	G1.044.0302.2	gesis GB	178	G1.344.0202.1	gesis GB	178
99.453.9910.0	GST18	20	G1.044.0303.1	gesis GB	180	G1.344.0202.2	gesis GB	178
99.454.0028.0	GST18	55	G1.044.0303.2	gesis GB	180	G1.344.0203.1	gesis GB	180
99.455.0000.8	GST08	110	G1.044.0402.1	gesis GB	178	G1.344.0203.2	gesis GB	180
99.455.0028.0	GST18	55	G1.044.0402.2	gesis GB	178	G1.344.0302.1	gesis GB	178
99.456.0000.8	GST08	110	G1.044.0403.1	gesis GB	180	G1.344.0302.2	gesis GB	178
99.456.0028.0	GST18	55	G1.044.0403.2	gesis GB	180	G1.344.0303.1	gesis GB	180
99.457.0000.8	GST08	112	G1.044.0502.1	gesis GB	178	G1.344.0303.2	gesis GB	180
99.457.0028.0	GST18	55	G1.044.0502.2	gesis GB	178	G1.344.0402.1	gesis GB	178
99.458.0000.8	GST08	111	G1.044.0503.1	gesis GB	180	G1.344.0402.2	gesis GB	178
99.458.0028.0	GST18	55	G1.044.0503.2	gesis GB	180	G1.344.0403.1	gesis GB	180
99.459.0000.8	GST08	109	G1.044.0602.1	gesis GB	178	G1.344.0403.2	gesis GB	180
99.460.9999.9	gesis NV	146	G1.044.0602.2	gesis GB	178	G1.344.0502.1	gesis GB	178
99.461.9999.9	gesis NV	146	G1.044.0603.1	gesis GB	180	G1.344.0502.2	gesis GB	178
99.462.0000.8	GST08	114	G1.044.0603.2	gesis GB	180	G1.344.0503.1	gesis GB	180
99.463.0000.8	GST08	114	G1.044.0702.1	gesis GB	178	G1.344.0503.2	gesis GB	180
99.464.0000.8	GST08	114	G1.044.0702.2	gesis GB	178	G1.344.0602.1	gesis GB	178
99.464.9999.9	gesis NV	146	G1.044.0703.1	gesis GB	180	G1.344.0602.2	gesis GB	178
99.465.0000.8	GST08	115	G1.044.0703.2	gesis GB	180	G1.344.0603.1	gesis GB	180
99.465.9999.9	gesis NV	146	G1.044.0802.1	gesis GB	178	G1.344.0603.2	gesis GB	180
99.466.0000.8	GST08	115	G1.044.0802.2	gesis GB	178	G1.344.0702.1	gesis GB	178
99.467.0000.8	GST08	115	G1.044.0803.1	gesis GB	180	G1.344.0702.2	gesis GB	178
99.468.0000.8	GST08	114	G1.044.0803.2	gesis GB	180	G1.344.0703.1	gesis GB	180
99.469.0000.8	GST08	114	G1.055.0102.1	gesis GB	182	G1.344.0703.2	gesis GB	180
99.469.9999.9	gesis NV	146	G1.055.0102.7	gesis GB	182	G1.344.0703.2	gesis GB	180
99.470.0000.0	gesis NRG	154	G1.055.0202.1	gesis GB	182	G1.344.0802.1	gesis GB	178
99.470.0000.8	GST08	114	G1.055.0202.7	gesis GB	182	G1.344.0802.2	gesis GB	178
						G1.344.0803.1	gesis GB	180

G2.232.8063.2	■ gesis ES	189	G2.238.6060.1	■ GST18	35	G3.332.0202.2	■ GST18	30
G2.232.8063.7	■ gesis ES	189	G2.238.6060.1	■ gesis ES	191	G3.332.0203.1	■ GST18	38
G2.232.8064.1	■ GST18	29	G2.238.6060.2	■ GST18	35	G3.332.0203.2	■ GST18	38
G2.232.8064.1	■ gesis ES	190	G2.238.6060.2	■ gesis ES	191	G3.332.0302.1	■ GST18	30
G2.232.8064.2	■ GST18	29	G2.238.6060.7	■ gesis ES	191	G3.332.0302.2	■ GST18	30
G2.232.8064.2	■ gesis ES	190	G2.238.6063.1	■ GST18	36	G3.332.0303.1	■ GST18	38
G2.232.8064.7	■ gesis ES	190	G2.238.6063.1	■ gesis ES	192	G3.332.0303.2	■ GST18	38
G2.238.1060.1	■ GST18	35	G2.238.6063.2	■ GST18	36	G3.332.0402.1	■ GST18	30
G2.238.1060.1	■ gesis ES	191	G2.238.6063.2	■ gesis ES	192	G3.332.0402.2	■ GST18	30
G2.238.1060.2	■ GST18	35	G2.238.6063.7	■ gesis ES	192	G3.332.0403.1	■ GST18	38
G2.238.1060.2	■ gesis ES	191	G2.238.6064.1	■ GST18	37	G3.332.0403.2	■ GST18	38
G2.238.1060.7	■ gesis ES	191	G2.238.6064.1	■ gesis ES	193	G3.332.0502.1	■ GST18	30
G2.238.1063.1	■ GST18	36	G2.238.6064.2	■ GST18	37	G3.332.0502.2	■ GST18	30
G2.238.1063.1	■ gesis ES	192	G2.238.6064.2	■ gesis ES	193	G3.332.0503.1	■ GST18	38
G2.238.1063.2	■ GST18	36	G2.238.6064.7	■ gesis ES	193	G3.332.0503.2	■ GST18	38
G2.238.1063.2	■ gesis ES	192	G2.238.7060.1	■ GST18	35	G3.332.0602.1	■ GST18	30
G2.238.1063.7	■ gesis ES	192	G2.238.7060.1	■ gesis ES	191	G3.332.0602.2	■ GST18	30
G2.238.1064.1	■ GST18	37	G2.238.7060.2	■ GST18	35	G3.332.0603.1	■ GST18	38
G2.238.1064.1	■ gesis ES	193	G2.238.7060.2	■ gesis ES	191	G3.332.0603.2	■ GST18	38
G2.238.1064.2	■ GST18	37	G2.238.7060.7	■ gesis ES	191	G3.332.0702.1	■ GST18	30
G2.238.1064.2	■ gesis ES	193	G2.238.7063.1	■ GST18	36	G3.332.0702.2	■ GST18	30
G2.238.1064.7	■ gesis ES	193	G2.238.7063.1	■ gesis ES	192	G3.332.0703.1	■ GST18	38
G2.238.2060.1	■ GST18	35	G2.238.7063.2	■ GST18	36	G3.332.0703.2	■ GST18	38
G2.238.2060.1	■ gesis ES	191	G2.238.7063.2	■ gesis ES	192	G3.332.0802.1	■ GST18	30
G2.238.2060.2	■ GST18	35	G2.238.7063.7	■ gesis ES	192	G3.332.0802.2	■ GST18	30
G2.238.2060.2	■ gesis ES	191	G2.238.7064.1	■ GST18	37	G3.332.0803.1	■ GST18	38
G2.238.2060.7	■ gesis ES	191	G2.238.7064.1	■ gesis ES	193	G3.332.0803.2	■ GST18	38
G2.238.2063.1	■ GST18	36	G2.238.7064.2	■ GST18	37	G3.432.0102.1	■ GST18	31
G2.238.2063.1	■ gesis ES	192	G2.238.7064.2	■ gesis ES	193	G3.432.0102.2	■ GST18	31
G2.238.2063.2	■ GST18	36	G2.238.7064.7	■ gesis ES	193	G3.432.0103.1	■ GST18	39
G2.238.2063.2	■ gesis ES	192	G2.238.8060.1	■ GST18	35	G3.432.0103.2	■ GST18	39
G2.238.2063.7	■ gesis ES	192	G2.238.8060.1	■ gesis ES	191	G3.432.0202.1	■ GST18	31
G2.238.2064.1	■ GST18	37	G2.238.8060.2	■ GST18	35	G3.432.0202.2	■ GST18	31
G2.238.2064.1	■ gesis ES	193	G2.238.8060.2	■ gesis ES	191	G3.432.0203.1	■ GST18	39
G2.238.2064.2	■ GST18	37	G2.238.8060.7	■ gesis ES	191	G3.432.0203.2	■ GST18	39
G2.238.2064.2	■ gesis ES	193	G2.238.8063.1	■ GST18	36	G3.432.0302.1	■ GST18	31
G2.238.2064.7	■ gesis ES	193	G2.238.8063.1	■ gesis ES	192	G3.432.0302.2	■ GST18	31
G2.238.3060.1	■ GST18	35	G2.238.8063.2	■ GST18	36	G3.432.0303.1	■ GST18	39
G2.238.3060.1	■ gesis ES	191	G2.238.8063.2	■ gesis ES	192	G3.432.0303.2	■ GST18	39
G2.238.3060.2	■ GST18	35	G2.238.8063.7	■ gesis ES	192	G3.432.0402.1	■ GST18	31
G2.238.3060.2	■ gesis ES	191	G2.238.8064.1	■ GST18	37	G3.432.0402.2	■ GST18	31
G2.238.3060.7	■ gesis ES	191	G2.238.8064.1	■ gesis ES	193	G3.432.0403.1	■ GST18	39
G2.238.3063.1	■ GST18	36	G2.238.8064.2	■ GST18	37	G3.432.0403.2	■ GST18	39
G2.238.3063.1	■ gesis ES	192	G2.238.8064.2	■ gesis ES	193	G3.432.0502.1	■ GST18	31
G2.238.3063.2	■ GST18	36	G2.238.8064.7	■ gesis ES	193	G3.432.0502.2	■ GST18	31
G2.238.3063.2	■ gesis ES	192	G3.032.0102.1	■ GST18	30	G3.432.0503.1	■ GST18	39
G2.238.3063.7	■ gesis ES	192	G3.032.0102.2	■ GST18	30	G3.432.0503.2	■ GST18	39
G2.238.3064.1	■ GST18	37	G3.032.0103.1	■ GST18	38	G3.432.0602.1	■ GST18	31
G2.238.3064.1	■ gesis ES	193	G3.032.0103.2	■ GST18	38	G3.432.0602.2	■ GST18	31
G2.238.3064.2	■ GST18	37	G3.032.0202.1	■ GST18	30	G3.432.0603.1	■ GST18	39
G2.238.3064.2	■ gesis ES	193	G3.032.0202.2	■ GST18	30	G3.432.0603.2	■ GST18	39
G2.238.3064.7	■ gesis ES	193	G3.032.0203.1	■ GST18	38	G3.432.0702.1	■ GST18	31
G2.238.4060.1	■ GST18	35	G3.032.0203.2	■ GST18	38	G3.432.0702.2	■ GST18	31
G2.238.4060.1	■ gesis ES	191	G3.032.0302.1	■ GST18	30	G3.432.0703.1	■ GST18	39
G2.238.4060.2	■ GST18	35	G3.032.0302.2	■ GST18	30	G3.432.0703.2	■ GST18	39
G2.238.4060.2	■ gesis ES	191	G3.032.0303.1	■ GST18	38	G3.432.0802.1	■ GST18	31
G2.238.4060.7	■ gesis ES	191	G3.032.0303.2	■ GST18	38	G3.432.0802.2	■ GST18	31
G2.238.4063.1	■ GST18	36	G3.032.0402.1	■ GST18	30	G3.432.0803.1	■ GST18	39
G2.238.4063.1	■ gesis ES	192	G3.032.0402.2	■ GST18	30	G3.432.0803.2	■ GST18	39
G2.238.4063.2	■ GST18	36	G3.032.0403.1	■ GST18	38	Z5.507.1521.0	■ gesis NRG	159
G2.238.4063.2	■ gesis ES	192	G3.032.0403.2	■ GST18	38	Z5.507.1553.0	■ gesis NRG	159
G2.238.4063.7	■ gesis ES	192	G3.032.0502.1	■ GST18	30	Z5.507.1953.0	■ gesis NRG	159
G2.238.4064.1	■ GST18	37	G3.032.0502.2	■ GST18	30	Z5.586.4653.0	■ gesis NV	147
G2.238.4064.1	■ gesis ES	193	G3.032.0503.1	■ GST18	38	Z5.586.4653.1	■ gesis NV	147
G2.238.4064.2	■ GST18	37	G3.032.0503.2	■ GST18	38	Z6.560.5353.0	■ gesis NV	148
G2.238.4064.2	■ gesis ES	193	G3.032.0602.1	■ GST18	30	Z8.000.0175.5	■ gesis NV	147
G2.238.4064.7	■ gesis ES	193	G3.032.0602.2	■ GST18	30	Z8.000.0175.7	■ gesis NV	147
G2.238.5060.1	■ GST18	35	G3.032.0603.1	■ GST18	38	Z8.000.0175.9	■ gesis NV	147
G2.238.5060.1	■ gesis ES	191	G3.032.0603.2	■ GST18	38	Z8.000.0176.0	■ gesis NV	147
G2.238.5060.2	■ GST18	35	G3.032.0702.1	■ GST18	30			
G2.238.5060.2	■ gesis ES	191	G3.032.0702.2	■ GST18	30			
G2.238.5060.7	■ gesis ES	191	G3.032.0703.1	■ GST18	38			
G2.238.5063.1	■ GST18	36	G3.032.0703.2	■ GST18	38			
G2.238.5063.1	■ gesis ES	192	G3.032.0802.1	■ GST18	30			
G2.238.5063.2	■ GST18	36	G3.032.0802.2	■ GST18	30			
G2.238.5063.2	■ gesis ES	192	G3.032.0803.1	■ GST18	38			
G2.238.5063.7	■ gesis ES	192	G3.032.0803.2	■ GST18	38			
G2.238.5064.1	■ GST18	37	G3.332.0102.1	■ GST18	30			
G2.238.5064.1	■ gesis ES	193	G3.332.0102.2	■ GST18	30			
G2.238.5064.2	■ GST18	37	G3.332.0103.1	■ GST18	38			
G2.238.5064.2	■ gesis ES	193	G3.332.0103.2	■ GST18	38			
G2.238.5064.7	■ gesis ES	193	G3.332.0202.1	■ GST18	30			

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Industrial technology

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- DIN rail terminal blocks
 - Screw, tension spring or push-in connection technology
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 - Numerous special functions
 - Software solutions interfacing to CAE systems
- Safety
 - Safe signal acquisition
 - Safety switching devices
 - Modular safety modules
 - Compact safety controllers
 - Application consulting and training
- Network engineering and fieldbus systems
 - Remote maintenance via VPN industrial router and VPN service portal
 - Industrial Ethernet switches
 - PLC and I/O systems, standard and increased environmental conditions
- Interface
 - Power supply units
 - Overvoltage protection
 - Coupling relays, semiconductor switches
 - Timer relays, measuring and monitoring relays
 - Analog coupling and converter modules
 - Passive interfaces

Solutions for field applications

- Decentralized installation and automation technology
 - Electrical installation for wind tower
 - Fieldbus interfaces and motor starters
- Connectors for industrial applications
 - Rectangular and round connectors
 - Aluminium or plastic housings
 - Degree of protection up to IP 69K
 - Current-carrying capacity up to 100 A
 - Connectors for hazardous areas
 - Modular, application-specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology

- Building installation systems
 - Main power supply connectors IP 20/IP 65 ... IP 69K
 - Bus connectors
 - Low-voltage connectors
 - Power distribution system with flat cables
 - Distribution systems
 - Room automation with KNX and wireless technology
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection