

**Description:**

The SD range of switch disconnectors and SF range of fused switch disconnectors are safely protected in flameproof enclosures. Versions are available with various switching currents and pole numbers as well as several fused variants.

**Application:**

The SD and SF ranges of switch disconnectors are designed for safe operation of high-power electrical circuits in gas or dust explosion hazardous areas.

**Materials:**

Body: Cast iron, aluminium and stainless steel.  
Screws: Stainless steel.  
For details see data tables overleaf.

**Certification characteristics:**

Marking to 94/9/EC: II 2GD  
Zones: 1 – 21 – 2 – 22

For type of protection, certificates, ambient temperature ranges and ingress protection please see data tables overleaf.

**Threads:**

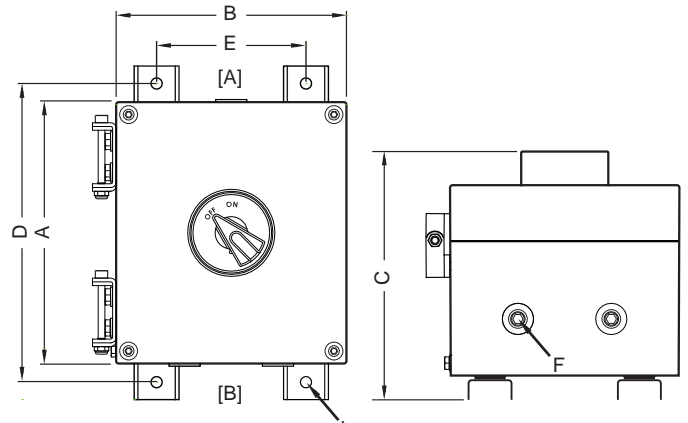
Metric threaded, for details see Mechanical Specification.

**Inhibiting treatments:**

Zinc rich epoxy powder primer plus epoxy powder top coat black.

**Features:**

Labeling: OFF – ON  
Operator lock: Padlockable in OFF position  
Enclosure cover: hinged non-detachable  
Mounting: 2 x fabricated stainless steel mounting straps.

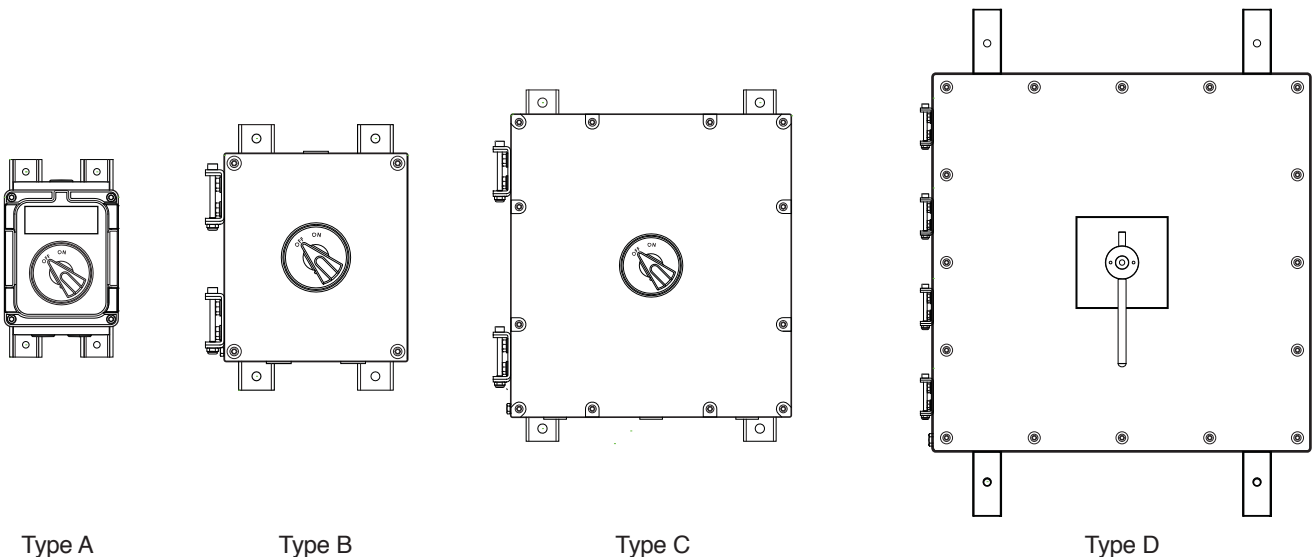
**Drawing****Legend:**

- A - Maximum external dimension.
- B - Maximum external dimension.
- C - Maximum external dimension.
- D - Fixing holes wheel base.
- E - Fixing holes wheel base.
- F - Cable entry diameter.
- J - Fixing holes diameter.
- [A] - Entry face.
- [B] - Entry face.

For details see Dimensions Data Table.

**Enclosure types:**

For drawing references, dimensions [mm] and approx. weight [kg] see Dimensions Data Table.



## SD/SF - Electrical Specification

Type	Current [A]	Poles qty.	Voltage [V]	Power AC23A [kW]	Power AC3 [kW]	Terminal capacity [mm <sup>2</sup> ]	Fuse rating see *1*	Enclosure material
SD204	20	4	380 - 440	11	7.5	6	-	cast iron
SFA204	20	4	380 - 440	5.5	3.7	2.5	20 A (SS)	cast aluminium
SFI204	20	4	380 - 440	5.5	3.7	2.5	20 A (SS)	cast iron
SFS204	20	4	380 - 440	5.5	3.7	2.5	20 A (SS)	cast stainless steel
SDA206	20	6	690	11	7.5	6	-	cast aluminium
SDI206	20	6	690	11	7.5	6	-	cast iron
SDSS206	20	6	690	11	7.5	6	-	cast stainless steel
SD254	25	4	380 - 440	11	7.5	6	-	cast iron
SDA256	25	6	690	11	7.5	6	-	cast aluminium
SDI256	25	6	690	11	7.5	6	-	cast iron
SDSS256	25	6	690	11	7.5	6	-	cast stainless steel
SD324	32	4	380 - 440	11	7.5	6	-	cast iron
SFA324	32	4	380 - 440	11	7.5	6	32 A (NS)	cast aluminium
SFI324	32	4	380 - 440	11	7.5	6	32 A (NS)	cast iron
SFS324	32	4	380 - 440	11	7.5	6	32 A (NS)	cast stainless steel
SDA326	32	6	690	11	7.5	6	-	cast aluminium
SDI326	32	6	690	11	7.5	6	-	cast iron
SDSS326	32	6	690	11	7.5	6	-	cast stainless steel
SD404	40	4	380 - 440	22	18.5	16	-	cast iron
SD634	63	4	380 - 440	22	18.5	16	-	cast iron
SFA634	63	4	380 - 440	22	18.5	16	63 A (ES)	cast aluminium
SFI634	63	4	380 - 440	22	18.5	16	63 A (ES)	cast iron
SFS634	63	4	380 - 440	22	18.5	16	63 A (ES)	cast stainless steel
SDA636	63	6	690	22	18.5	16	-	cast aluminium
SDI636	63	6	690	22	18.5	16	-	cast iron
SDSS636	63	6	690	22	18.5	16	-	cast stainless steel
SDA804	80	4	690	37	30	50	-	cast aluminium
SDI804	80	4	690	37	30	50	-	cast iron
SDSS804	80	4	690	37	30	50	-	cast stainless steel
SDA806	80	6	690	30	22	50	-	cast aluminium
SDI806	80	6	690	30	22	50	-	cast iron
SDSS806	80	6	690	30	22	50	-	cast stainless steel
SDA1004	100	4	690	37	30	50	-	cast aluminium
SDI1004	100	4	690	37	30	50	-	cast iron
SDSS1004	100	4	690	37	30	50	-	cast stainless steel
SDA1006	100	6	690	37	30	50	-	cast aluminium
SDI1006	100	6	690	37	30	50	-	cast iron
SDSS1006	100	6	690	37	30	50	-	cast stainless steel
SDA1254	125	4	690	45	37	95	-	cast aluminium
SDI1254	125	4	690	45	37	95	-	cast iron
SDSS1254	125	4	690	45	37	95	-	cast stainless steel
SFA1254	125	4	380 - 440	45	37	70	125 A (XS)	cast aluminium
SFI1254	125	4	380 - 440	45	37	70	125 A (XS)	cast iron
SFS1254	125	4	380 - 440	45	37	70	125 A (XS)	cast stainless steel
SDA1256	125	6	690	45	37	95	-	cast aluminium
SDI1256	125	6	690	45	37	95	-	cast iron
SDSS1256	125	6	690	45	37	95	-	cast stainless steel
SDA1604	160	4	690	55	45	95	-	cast aluminium
SDI1604	160	4	690	55	45	95	-	cast iron
SDSS1604	160	4	690	55	45	95	-	cast stainless steel
SDA1606	160	6	690	55	45	95	-	cast aluminium
SDI1606	160	6	690	55	45	95	-	cast iron
SDSS1606	160	6	690	55	45	95	-	cast stainless steel

Table continues overleaf

This datasheet does not constitute any contract obligation.

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## SD/SF - Electrical Specification continued

Type	Current [A]	Poles qty.	Voltage [V]	Power AC23A [kW]	Power AC3 [kW]	Terminal capacity [mm <sup>2</sup> ]	Fuse rating see *1*	Enclosure material
SDA2004	200	4	690	75	55	185	-	cast aluminium
SDI2004	200	4	690	75	55	185	-	cast iron
SDSS2004	200	4	690	75	55	185	-	cast stainless steel
SDA2006	200	6	690	75	55	185	-	cast aluminium
SDI2006	200	6	690	75	55	185	-	cast iron
SDSS2006	200	6	690	75	55	185	-	cast stainless steel
SDA2504	250	4	690	90	55	185	-	cast aluminium
SDI2504	250	4	690	90	55	185	-	cast iron
SDSS2504	250	4	690	90	55	185	-	cast stainless steel
SDA2506	250	6	690	90	55	185	-	cast aluminium
SDI2506	250	6	690	90	55	185	-	cast iron
SDSS2506	250	6	690	90	55	185	-	cast stainless steel
SDA3154	315	4	690	110	75	185	-	cast aluminium
SDI3154	315	4	690	110	75	185	-	cast iron
SDSS3154	315	4	690	110	75	185	-	cast stainless steel
SDA3156	315	6	690	110	75	185	-	cast aluminium
SDI3156	315	6	690	110	75	185	-	cast iron
SDSS3156	315	6	690	110	75	185	-	cast stainless steel

Auxiliary contacts: 2 x n/o early break

Grounding: Internal & external brass grounding terminals on base and lid

\*1\* Fused Disconnector versions: Fuse holders ASTA type test certified to BS 88: parts 1 & 6  
Fuse breaking capacity 80 kA

**SD/SF - Certification characteristics****Marking to 94/9/EC**

II 2 GD

**Type of protection**

- 1.1 Ex d IIB T5 Gb, Ex tb IIIC T82 °C Db (ta ... +55 °C )
- 1.2 Ex d IIB T5 Gb, Ex tb IIIC T87 °C Db (ta ... +55 °C )
- 1.3 Ex d IIB T5 Gb, Ex tb IIIC T95 °C (ta ... +55 °C )
- 1.4 Ex d IIB T6 Gb, Ex tb IIIC T76 °C Db (ta ... +50 °C )
- 1.5 Ex d IIB T6 Gb, Ex tb IIIC T80 °C (ta ... +40 °C )
- 1.6 Ex d IIB T6 Gb, Ex tb IIIC T85 °C Db

**Certificate**

- 2.1 SIRA 02 ATEX 1332
- 2.2 SIRA 03 ATEX 1215
- 2.3 SIRA 04 ATEX 1266X
- 2.4 SIRA 04 ATEX 1267X

**Ambient temperature**

- 3.1 -20 ... 55 °C (-4 ... 131 °F)
- 3.2 -40 ... 55 °C (-40 ... 131 °F)

**IECEX approval**

- 4.1 IECEX SIR 08.0055
- 4.2 IECEX SIR 08.0056X
- 4.3 IECEX SIR 08.0057X
- 4.4 IECEX SIR 08.0066X

**GOST-R approval**

- 5.1 GOST-R B00218
- 5.2 GOST-R B01008

Cross-references to product type please see overleaf

**SD/SF - Certification cross-reference**

for certification characteristics please see table above

Type	Type of protection	Certification	Ambient temperature	IECEX	GOST-R
	see (1)	see (2)		see (4)	see (5)
SD204	1.6	2.1	-40 ... 55 °C (-40 ... 131 °F)	4.4	5.2
SFA204	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFI204	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFS204	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SDA206	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDI206	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDSS206	1.3, 1.5	2.2	-40 ... 55 °C (-40 ... 131 °F)	4.1	5.1
SD254	1.6	2.1	-40 ... 55 °C (-40 ... 131 °F)	4.4	5.2
SDA256	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDI256	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDSS256	1.3, 1.5	2.2	-40 ... 55 °C (-40 ... 131 °F)	4.1	5.1
SD324	1.6	2.1	-40 ... 55 °C (-40 ... 131 °F)	4.4	5.2
SFA324	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFI324	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFS324	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SDA326	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDI326	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDSS326	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SD404	1.6	2.1	-40 ... 55 °C (-40 ... 131 °F)	4.4	5.2
SD634	1.6	2.1	-40 ... 55 °C (-40 ... 131 °F)	4.4	5.2
SFA634	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFI634	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFS634	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SDA636	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDI636	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDSS636	1.3, 1.5	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.1
SDA804	1.3	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.2
SDI804	1.3	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.2
SDSS804	1.3	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.2
SDA806	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI806	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS806	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDA1004	1.3	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.2
SDI1004	1.3	2.2	-40 ... 55 °C (-40 ... 131 °F)	4.1	5.2
SDSS1004	1.3	2.2	-20 ... 55 °C (-4 ... 131 °F)	4.1	5.2
SDA1006	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI1006	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS1006	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2

Table continues overleaf

**SD/SF - Certification cross-reference continued**

for certification characteristics please see table above

Type	Type of protection	Certification	Ambient temperature	IECEX	GOST-R
	see (1)	see (2)		see (4)	see (5)
SDA1254	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI1254	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS1254	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SFA1254	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFI1254	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SFS1254	1.1, 1.4	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.1
SDA1256	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI1256	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS1256	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDA1604	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI1604	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS1604	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDA1606	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI1606	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS1606	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDA2004	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI2004	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS2004	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDA2006	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDI2006	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDSS2006	1.1	2.3	-40 ... 55 °C (-40 ... 131 °F)	4.2	5.2
SDA2504	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDI2504	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDSS2504	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDA2506	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDI2506	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDSS2506	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDA3154	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDI3154	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDSS3154	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDA3156	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDI3156	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2
SDSS3156	1.2	2.4	-40 ... 55 °C (-40 ... 131 °F)	4.3	5.2

SD/SF - Dimensions Data Table

Type	Current [A]	Poles qty.	Dimensions [mm]			Fixation [mm]			Enclosure material	Weight approx. [kg]	Drawing reference see *1*
			A	B	C	D	E	Diam. J			
SD204	20	4	168	125	146	190	78	7.25	cast iron	6.5	A
SFA204	20	4	335	310	248	360	240	10.2	cast aluminium	19	C
SFI204	20	4	335	310	248	360	240	10.2	cast iron	50	C
SFS204	20	4	335	310	248	360	240	10.2	cast stainless steel	52	C
SDA206	20	6	210	185	200	240	120	9.1	cast aluminium	8	B
SDI206	20	6	210	185	200	240	120	9.1	cast iron	20	B
SDSS206	20	6	210	185	200	240	120	9.1	cast stainless steel	21	B
SD254	25	4	168	125	146	190	78	7.25	cast iron	6.5	A
SDA256	25	6	210	185	200	240	120	9.1	cast aluminium	8	B
SDI256	25	6	210	185	200	240	120	9.1	cast iron	20	B
SDSS256	25	6	210	185	200	240	120	9.1	cast stainless steel	21	B
SD324	32	4	168	125	146	190	78	7.25	cast iron	6.5	A
SFA324	32	4	335	310	248	360	240	10.2	cast aluminium	19	C
SFI324	32	4	335	310	248	360	240	10.2	cast iron	50	C
SFS324	32	4	335	310	248	360	240	10.2	cast stainless steel	52	C
SDA326	32	6	210	185	200	240	120	9.1	cast aluminium	8	B
SDI326	32	6	210	185	200	240	120	9.1	cast iron	20	B
SDSS326	32	6	210	185	200	240	120	9.1	cast stainless steel	21	B
SD404	40	4	218	150	169	240	78	7.25	cast iron	11	A
SD634	63	4	218	150	169	240	78	7.25	cast iron	11	A
SFA634	63	4	335	310	248	360	240	10.2	cast aluminium	19	C
SFI634	63	4	335	310	248	360	240	10.2	cast iron	50	C
SFS634	63	4	335	310	248	360	240	10.2	cast stainless steel	52	C
SDA636	63	6	210	185	200	240	120	9.1	cast aluminium	8	B
SDI636	63	6	210	185	200	240	120	9.1	cast iron	20	B
SDSS636	63	6	210	185	200	240	120	9.1	cast stainless steel	21	B
SDA804	80	4	210	185	200	240	120	9.1	cast aluminium	8	B
SDI804	80	4	210	185	200	240	120	9.1	cast iron	20	B
SDSS804	80	4	210	185	200	240	120	9.1	cast stainless steel	21	B
SDA806	80	6	335	310	248	360	240	10.2	cast aluminium	19	C
SDI806	80	6	335	310	248	360	240	10.2	cast iron	50	C
SDSS806	80	6	335	310	248	360	240	10.2	cast stainless steel	52	C
SDA1004	100	4	210	185	200	240	120	9.1	cast aluminium	8	B
SDI1004	100	4	210	185	200	240	120	9.1	cast iron	20	B
SDSS1004	100	4	210	185	200	240	120	9.1	cast stainless steel	21	B
SDA1006	100	6	335	310	253	360	240	10.2	cast aluminium	19	C
SDI1006	100	6	335	310	253	360	240	10.2	cast iron	50	C
SDSS1006	100	6	335	310	253	360	240	10.2	cast stainless steel	52	C

Table continues overleaf

\*1\* Reference drawings see at first page SD/SF

## SD/SF - Dimensions Data Table continued

Type	Current [A]	Poles qty.	Dimensions [mm]			Fixation [mm]			Enclosure material	Weight approx. [kg]	Drawing reference see *1*
			A	B	C	D	E	Diam. J			
SDA1254	125	4	335	310	253	360	240	10.2	cast aluminium	19	C
SDI1254	125	4	335	310	253	360	240	10.2	cast iron	50	C
SDSS1254	125	4	335	310	253	360	240	10.2	cast stainless steel	52	C
SFA1254	125	4	335	310	248	360	240	10.2	cast aluminium	19	C
SFI1254	125	4	335	310	248	360	240	10.2	cast iron	50	C
SFS1254	125	4	335	310	248	360	240	10.2	cast stainless steel	52	C
SDA1256	125	6	335	310	253	360	240	10.2	cast aluminium	19	C
SDI1256	125	6	335	310	253	360	240	10.2	cast iron	50	C
SDSS1256	125	6	335	310	253	360	240	10.2	cast stainless steel	52	C
SDA1604	160	4	335	310	253	360	240	10.2	cast aluminium	19	C
SDI1604	160	4	335	310	253	360	240	10.2	cast iron	50	C
SDSS1604	160	4	335	310	253	360	240	10.2	cast stainless steel	52	C
SDA1606	160	6	335	310	253	360	240	10.2	cast aluminium	19	C
SDI1606	160	6	335	310	253	360	240	10.2	cast iron	50	C
SDSS1606	160	6	335	310	253	360	240	10.2	cast stainless steel	52	C
SDA2004	200	4	335	310	253	360	240	10.2	cast aluminium	19	C
SDI2004	200	4	335	310	253	360	240	10.2	cast iron	50	C
SDSS2004	200	4	335	310	253	360	240	10.2	cast stainless steel	52	C
SDA2006	200	6	335	310	253	360	240	10.2	cast aluminium	19	C
SDI2006	200	6	335	310	253	360	240	10.2	cast iron	50	C
SDSS2006	200	6	335	310	253	360	240	10.2	cast stainless steel	52	C
SDA2504	250	4	560	560	338	650	400	10.2	cast aluminium	72	D
SDI2504	250	4	560	560	338	650	400	10.2	cast iron	172	D
SDSS2504	250	4	560	560	338	650	400	10.2	cast stainless steel	184	D
SDA2506	250	6	560	560	338	650	400	10.2	cast aluminium	72	D
SDI2506	250	6	560	560	338	650	400	10.2	cast iron	172	D
SDSS2506	250	6	560	560	338	650	400	10.2	cast stainless steel	184	D
SDA3154	315	4	560	560	338	650	400	10.2	cast aluminium	72	D
SDI3154	315	4	560	560	338	650	400	10.2	cast iron	172	D
SDSS3154	315	4	560	560	338	650	400	10.2	cast stainless steel	184	D
SDA3156	315	6	560	560	338	650	400	10.2	cast aluminium	72	D
SDI3156	315	6	560	560	338	650	400	10.2	cast iron	172	D
SDSS3156	315	6	560	560	338	650	400	10.2	cast stainless steel	184	D

\*1\* Reference drawings see at first page SD/SF



## SD/SF - Mechanical Specification

Type	Current	Poles	Cable entries		Cover fixing screws	Ingress protection	Seal	Enclosure material
	[A]	qty.	Face [A]	Face [B]	Stainless steel	EN60529	see *1*	
SD204	20	4	1 x M20	2 x M20	M6	IP65	1	cast iron
SFA204	20	4	-	3 x M20	M8	IP66	2	cast aluminium
SFI204	20	4	-	3 x M20	M8	IP66	2	cast iron
SFS204	20	4	-	3 x M20	M6	IP66	1	cast stainless steel
SDA206	20	6	1 x M20	2 x M20	M6	IP66	2	cast aluminium
SDI206	20	6	1 x M20	2 x M20	M6	IP66	2	cast iron
SDSS206	20	6	1 x M20	2 x M20	M6	IP66	2	cast stainless steel
SD254	25	4	1 x M20	2 x M20	M6	IP65	1	cast iron
SDA256	25	6	1 x M20	2 x M20	M6	IP66	1	cast aluminium
SDI256	25	6	1 x M20	2 x M20	M6	IP66	1	cast iron
SDSS256	25	6	1 x M20	2 x M20	M6	IP66	2	cast stainless steel
SD324	32	4	1 x M20	2 x M20	M6	IP65	1	cast iron
SFA324	32	4	-	3 x M20	M8	IP66	2	cast aluminium
SFI324	32	4	-	3 x M20	M8	IP66	2	cast iron
SFS324	32	4	-	3 x M20	M6	IP66	1	cast stainless steel
SDA326	32	6	1 x M25	2 x M25	M6	IP66	1	cast aluminium
SDI326	32	6	1 x M25	2 x M25	M6	IP66	1	cast iron
SDSS326	32	6	1 x M25	2 x M25	M6	IP66	2	cast stainless steel
SD404	40	4	1 x M20	2 x M20	M6	IP65	1	cast iron
SD634	63	4	1 x M25	2 x M25	M6	IP65	1	cast iron
SFA634	63	4	-	3 x M32	M8	IP66	2	cast aluminium
SFI634	63	4	-	3 x M32	M8	IP66	2	cast iron
SFS634	63	4	-	3 x M32	M6	IP66	1	cast stainless steel
SDA636	63	6	1 x M25	2 x M25	M6	IP66	2	cast aluminium
SDI636	63	6	1 x M25	2 x M25	M6	IP66	2	cast iron
SDSS636	63	6	1 x M25	2 x M25	M6	IP66	2	cast stainless steel
SDA804	80	4	1 x M25	2 x M25	M6	IP66	2	cast aluminium
SDI804	80	4	1 x M25	2 x M25	M6	IP66	2	cast iron
SDSS804	80	4	1 x M25	2 x M25	M6	IP66	2	cast stainless steel
SDA806	80	6	-	3 x M25	M8	IP66	2	cast aluminium
SDI806	80	6	-	3 x M25	M6	IP65	2	cast iron
SDSS806	80	6	-	3 x M25	M6	IP65	1	cast stainless steel
SDA1004	100	4	1 x M25	2 x M25	M6	IP66	2	cast aluminium
SDI1004	100	4	1 x M25	2 x M25	M6	IP66	2	cast iron
SDSS1004	100	4	1 x M25	2 x M25	M6	IP66	2	cast stainless steel
SDA1006	100	6	-	3 x M25	M8	IP66	2	cast aluminium
SDI1006	100	6	-	3 x M25	M6	IP66	2	cast iron
SDSS1006	100	6	-	3 x M25	M6	IP65	1	cast stainless steel

Table continues overleaf

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This datasheet does not constitute any contract obligation.

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## SD/SF - Mechanical Specification continued

Type	Current	Poles	Cable entries		Cover fixing screws	Ingress protection	Seal	Enclosure material
			Face [A]	Face [B]				
	[A]	qty.			Stainless steel	EN60529	see *1*	
<b>SDA1254</b>	125	4	-	1 x M20, 2 x M32	M8	IP66	2	cast aluminium
<b>SDI1254</b>	125	4	-	1 x M20, 2 x M32	M8	IP66	2	cast iron
<b>SDSS1254</b>	125	4	-	1 x M20, 2 x M32	M6	IP66	1	cast stainless steel
<b>SFA1254</b>	125	4	-	1 x M20, 2 x M40	M8	IP66	2	cast aluminium
<b>SFI1254</b>	125	4	-	1 x M20, 2 x M40	M8	IP66	2	cast iron
<b>SFS1254</b>	125	4	-	1 x M20, 2 x M40	M6	IP66	1	cast stainless steel
<b>SDA1256</b>	125	6	-	1 x M20, 2 x M32	M8	IP66	2	cast aluminium
<b>SDI1256</b>	125	6	-	1 x M20, 2 x M32	M8	IP66	2	cast iron
<b>SDSS1256</b>	125	6	-	1 x M20, 2 x M32	M6	IP66	1	cast stainless steel
<b>SDA1604</b>	160	4	-	1 x M20, 2 x M40	M8	IP66	2	cast aluminium
<b>SDI1604</b>	160	4	-	1 x M20, 2 x M40	M8	IP66	2	cast iron
<b>SDSS1604</b>	160	4	-	1 x M20, 2 x M40	M6	IP66	1	cast stainless steel
<b>SDA1606</b>	160	6	-	1 x M20, 2 x M40	M8	IP66	2	cast aluminium
<b>SDI1606</b>	160	6	-	1 x M20, 2 x M40	M8	IP66	2	cast iron
<b>SDSS1606</b>	160	6	-	1 x M20, 2 x M40	M6	IP66	1	cast stainless steel
<b>SDA2004</b>	200	4	-	1 x M20, 2 x M50	M8	IP66	2	cast aluminium
<b>SDI2004</b>	200	4	-	1 x M20, 2 x M50	M8	IP66	2	cast iron
<b>SDSS2004</b>	200	4	-	1 x M20, 2 x M50	M6	IP66	1	cast stainless steel
<b>SDA2006</b>	200	6	-	1 x M20, 2 x M50	M8	IP66	2	cast aluminium
<b>SDI2006</b>	200	6	-	1 x M20, 2 x M50	M8	IP66	2	cast iron
<b>SDSS2006</b>	200	6	-	1 x M20, 2 x M50	M6	IP66	1	cast stainless steel
<b>SDA2504</b>	250	4	-	1 x M20, 2 x M63	M10	IP66	2	cast aluminium
<b>SDI2504</b>	250	4	-	1 x M20, 2 x M63	M10	IP66	2	cast iron
<b>SDSS2504</b>	250	4	-	1 x M20, 2 x M63	M10	IP66	1	cast stainless steel
<b>SDA2506</b>	250	6	-	1 x M20, 2 x M63	M10	IP66	2	cast aluminium
<b>SDI2506</b>	250	6	-	1 x M20, 2 x M63	M10	IP66	2	cast iron
<b>SDSS2506</b>	250	6	-	1 x M20, 2 x M63	M10	IP66	1	cast stainless steel
<b>SDA3154</b>	315	4	-	1 x M20, 2 x M63	M10	IP66	2	cast aluminium
<b>SDI3154</b>	315	4	-	1 x M20, 2 x M63	M10	IP66	2	cast iron
<b>SDSS3154</b>	315	4	-	1 x M20, 2 x M63	M10	IP66	1	cast stainless steel
<b>SDA3156</b>	315	6	-	1 x M20, 2 x M63	M10	IP66	2	cast aluminium
<b>SDI3156</b>	315	6	-	1 x M20, 2 x M63	M10	IP66	2	cast iron
<b>SDSS3156</b>	315	6	-	1 x M20, 2 x M63	M10	IP66	1	cast stainless steel

\*1\* Seal:

1 - Seal by grease

2 - One piece closed cell neoprene