



<b>Identification</b>	Type	LCOS-FT-PE-225-DP-03-1
	Part-No.	780403.225.1

<b>Description</b>	LCOS function carrier 22.5 mm with integrated power bus and data module Modular expandable, integrated PE contact
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<b>Use/Application/Properties</b>	
Description	Function carrier 22.5 mm, can be expanded with modules, with PE direct contact, data and power module

**Electrical data Power Bus**

Operating voltage	max. AC/DC 500 V
Operating current	max. AC/DC 16 A/channel
Voltage drop	<80 mV

**Data module**

Material PCB	FR4
Material connector	PE-HT
Operating voltage	max. DC 30 V
Operating current	max. DC 2 A/contact
System current	max. DC 8 A
Pole number	Input/output: 10-pin, outlet: 2×10-pin

25.08.2017 – Subject to technical modification

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## Technical data sheet · Load monitoring

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Contact material                      CuZn

### Slots

Slots                                      1 × 22.5mm

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### General

Housing material                      PA 6.6 (UL 94 V-0, NFF I2, F2)

Colour of the housing                  pebble grey

Mounting                                  DIN rail mountable TS35  
(EN 60715)

Installation position                   vertical

Marking                                   2 × Labelling plates 5x5 mm

Dimensions (w × h × d)                22.5 × 28.0 × 110.0 mm

Weight                                    0.040 kg/piece

Standards                                EN 60947-1  
EN 50178  
EN 50124-1  
EN 50175  
IEC 60068-2-42, 43, 8, 27  
EN 60064-1

Approvals                                cULus  
GL

PU    1 piece

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### General ambient conditions

Operation temperature range         -40 °C ... +85 °C

Storage temperature range            -40 °C ... +85 °C

Relative air humidity                  5 % – 95 % without condensation

Protection class                        IP20

Heat dissipation                        9 W @ 20°C, 4 W @ 60°C, 3 W @ 75°C

Shock resistance                        15 g 11 ms acc. to IEC 60068-2-27

Vibration resistance                    4 g acc. to EN 60068-2-8

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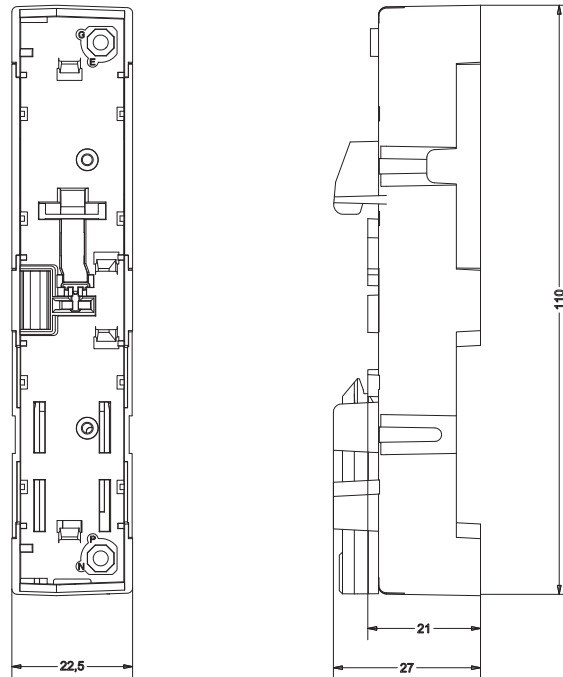
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SYSTEMATIC TECHNOLOGY

## Dimensions



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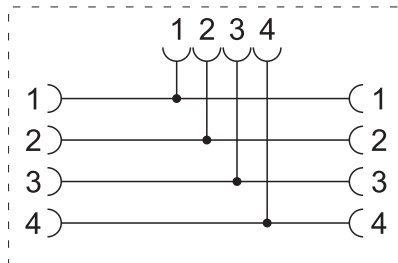
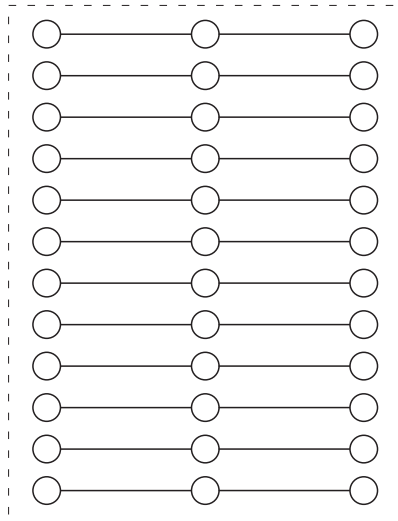
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SYSTEMATIC TECHNOLOGY

**PIN assignment**



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