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Supply and remote module - PT-IQ-PTB-PT - 2801296

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Module for power supply and multi-stage, floating remote signaling of connected surge protection modules.

Why buy this product

☑ Surge protection system
☑ Multi-level state monitoring
☑ System supplied via DIN rail bus
☑ Up to 28 protection modules per supply module
☑ Maximum ease of maintenance thanks to the two-piece design
☑ Codable plug
☑ Impedance-neutral disconnection of plug for maintenance purposes
☑ Base element remains an integral part of the installation

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356766760

Technical data

Dimensions

Height	109.3 mm
Width	17.7 mm
Depth	77.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch	1 Div.

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 4000 m (amsl (above mean sea level))

Supply and remote module - PT-IQ-PTB-PT - 2801296

Technical data

Ambient conditions

Degree of protection	IP20

General

Housing material	PA 6.6
Flammability rating according to UL 94	V-0
Color	jet black RAL 9005
Mounting type	DIN rail: 35 mm
Type	DIN rail module, two-section, divisible

Additional descriptions

Note	Remote signaling as well as the power supply of the DIN rail connector are established by snapping the module into place on the DIN rail connector.

Protective circuit

Surge protection fault message	Optical, multi-stage remote indication contact

Connection data

Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section AWG	24 ... 12

Connection, equipotential bonding

Connection method	DIN rail NS35

Remote indication contact

Switching function	2x N/C contacts
Connection method	Push-in connection
Stripping length	10 mm
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section AWG	24 ... 12

Supply status indicator / remote signaling

Operating voltage	20 V DC ... 30 V DC
Rated current	max. 130 mA (24 V DC)
	max. 160 mA (20 V DC)
Max. required back-up fuse	500 mA (T)
Number of surge protection modules that can be mounted side by side	28 (32 °C)

Standards and Regulations

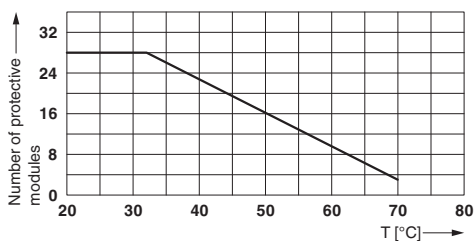|	
Standards/specifications	EN 61000-6-2 2005
	EN 61000-6-3 2007 + A1:2011
	EN 60950-1 2006 + A2:2013

Supply and remote module - PT-IQ-PTB-PT - 2801296

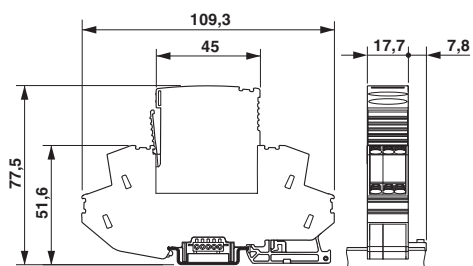## Technical data

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1

Drawings

Diagram
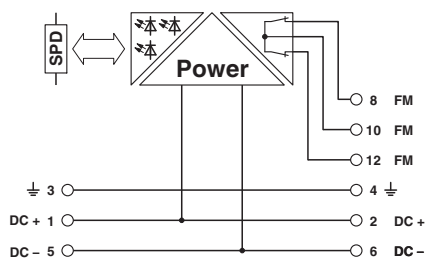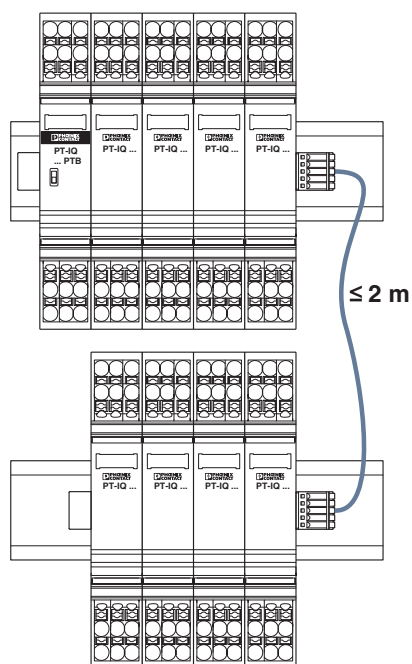
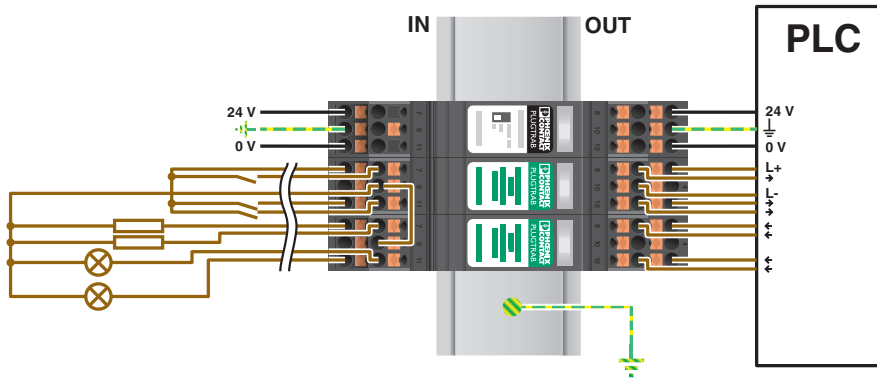### Dimensional drawing

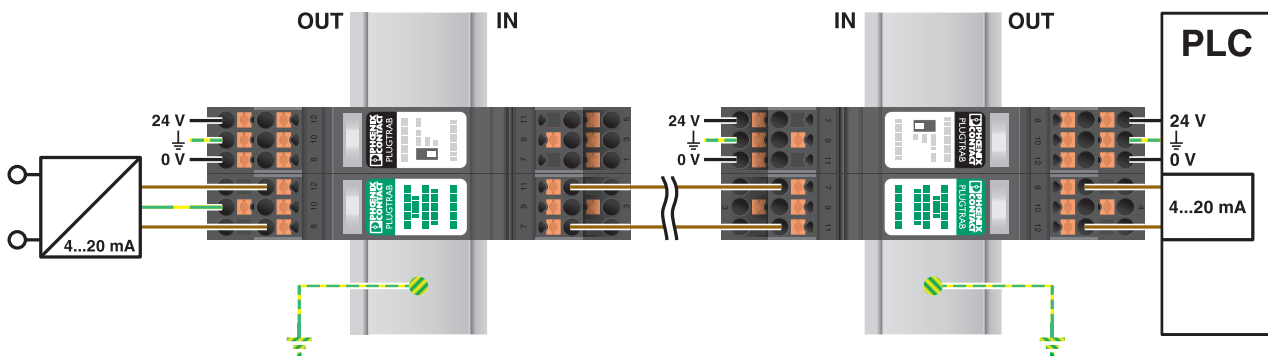### Circuit diagram

Schematic diagram

≤ 2 m
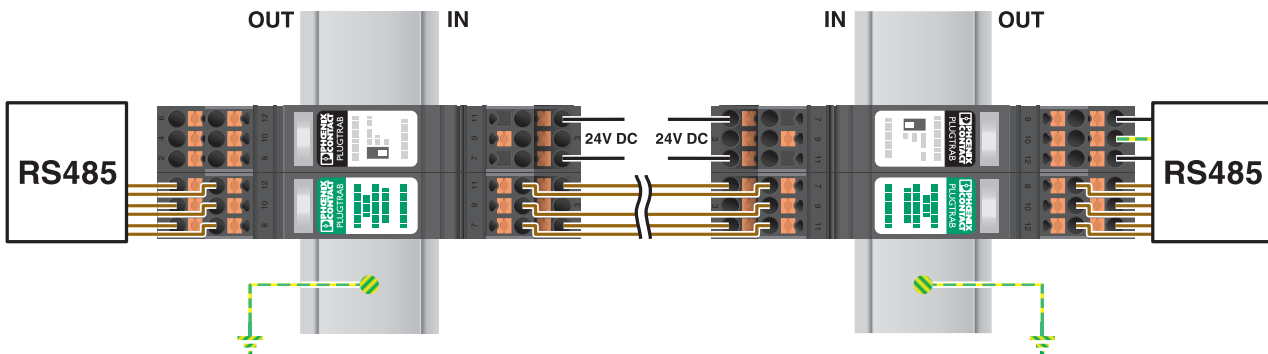
Supply and remote module - PT-IQ-PTB-PT - 2801296

Application drawing

Application drawing

Application drawing

Supply and remote module - PT-IQ-PTB-PT - 2801296

Approvals

Approvals

Approvals

EAC / EAC / CSA / CSAus / cCSAus

Ex Approvals

Approval details

EAC			EAC-Zulassung

EAC			RU C-DE.A*30.B01561

CSA		http://www.csagroup.org/services-industries/product-listing/	2761632

CSAus		http://www.csagroup.org/services-industries/product-listing/	2761632

cCSAus		http://www.csagroup.org/us/en/services/ testing-and-certification/certified-product-listing	

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