

# Supply and remote module - PT-IQ-PTB-UT - 2800768

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

## Your advantages

- ✓ 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 pc
GTIN	
GTIN	4046356647984
Weight per Piece (excluding packing)	78.000 g
Custom tariff number	85363010
Country of origin	Germany

## Technical data

### Dimensions

Height	91.1 mm
Width	17.7 mm
Depth	77.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch	1 Div.

### Ambient conditions

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## Technical data

### 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))
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.
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### Protective circuit

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

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	8 mm
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### Connection, equipotential bonding

Connection method	DIN rail NS35
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### Remote indication contact

Switching function	2x N/C contacts
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	8 mm
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section AWG	24 ... 14

### Supply status indicator / remote signaling

Operating voltage	20 V DC ... 30 V DC
Rated current	max. 130 mA (24 V DC)

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#### Supply status indicator / remote signaling

	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
	EN 60079-0 2012
	EN 60079-11 2012
	EN 60079-15 2010
	EN 60079-26 2007
	IEC 60079-0 2011 (modified) + corrigendum 2012
	IEC 60079-11 2011 + Corrigendum 2012
	IEC 60079-15 2010
	IEC 60079-26 2006

#### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"