

Surge protection controller - PT-IQ-PTB-UT - 2800768

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Controller 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
- Collective message about supply and remote module
- 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	0
Minimum order quantity	1
GTIN	 4 046356 647984
Custom tariff number	85363010
Country of origin	GERMANY

Technical data

Design	DIN rail module, two-section, divisible
--------	---

General

Housing material	PA 6.6
Inflammability class according to UL 94	V0
Color	black
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Mounting type	DIN rail mounting

Surge protection controller - PT-IQ-PTB-UT - 2800768

Technical data

General

Design	DIN rail module, two-section, divisible
Degree of protection	IP20
Width	17.7 mm
Height	91.1 mm
Depth	77.5 mm
Pitch unit	1 Div.

Protective circuit

Nominal voltage UN	24 V DC
Operating voltage range	20 V DC ... 30 V DC
Nominal current IN	130 mA (at 24 V DC, depending on the number of surge protection modules connected)
Nominal current I _N	max. 160 mA (at 20 V DC)
Message: Surge protection fault	Optical, multi-stage remote indication contact
Max. required back-up fuse	500 mA (F)

Connection data

Connection method	Screw connection
Connection type IN	Screw terminal blocks
Connection type OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	8 mm
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Connection, equipotential bonding

Connection method	DIN rail NS35
-------------------	---------------

Classifications

eClass

eCl@ss 5.1	27130801
eCl@ss 6.0	27130807
eCl@ss 7.0	27130807

etim

ETIM 4.0	EC000943
ETIM 5.0	EC000943

Accessories

Accessories

Surge protection controller - PT-IQ-PTB-UT - 2800768

Accessories

Marking

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

Zack Marker strip, flat - ZBF 5/WH-100:UNBEDRUCKT - 0808668



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:FORTL.ZAHLEN - 0808671



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:GERADE ZAHLEN - 0810821



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Surge protection controller - PT-IQ-PTB-UT - 2800768

Accessories

Zack Marker strip, flat - ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,QR:FORTL.ZAHLEN - 0808697



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack marker strip - ZBN 18:UNBEDRUCKT - 2809128



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 18 mm, Lettering field: 18 x 5 mm

Electronic housing - E/ME TBUS NS35 GY - 2713780

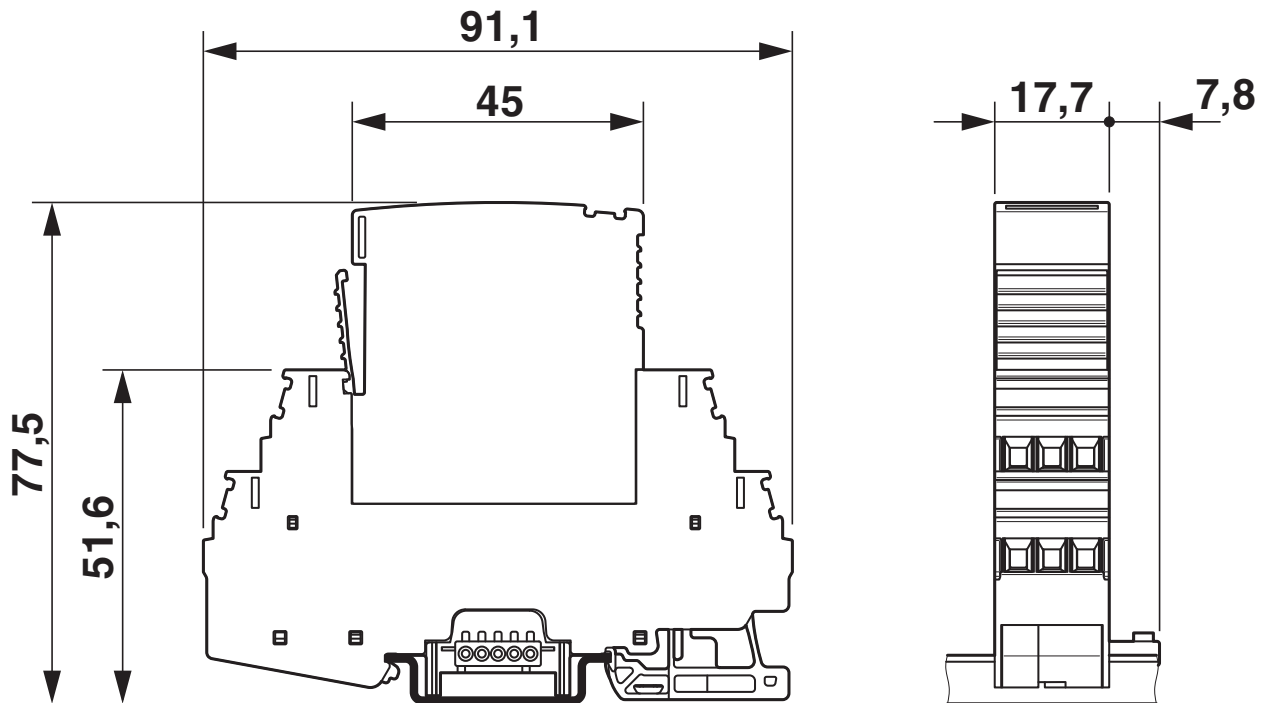


End clamp, stable construction for DIN rail bus connector

Drawings

Surge protection controller - PT-IQ-PTB-UT - 2800768

Dimensioned drawing



Surge protection controller - PT-IQ-PTB-UT - 2800768

Circuit diagram

