PT-IQ-PTB-BE-UT - Surge protection base-element

2905364

https://www.phoenixcontact.com/gb/products/2905364

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Base element for the PLUGTRAB PT-IQ-PTB... supply and remote signaling module

Product description

DIN rail connector not included with delivery of PT-IQ basic element (PT-IQ-17,5-TBUS-5-2.0). Required DIN rail connectors must be ordered separately.

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2905364
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL2151
Product key	CL2151
GTIN	4046356959506
Weight per piece (including packing)	85.766 g
Weight per piece (excluding packing)	62 g
Customs tariff number	85366990

Country of origin	DE

Technical data

Product properties

Product type	Base element
Product family	PLUGTRAB IQ
Type	Base element, DIN rail mounting
Number of positions	1

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

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)

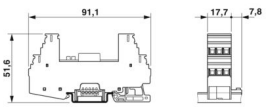
Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section AWG	24 ... 12

Ex data

Altitude	≤ 2000 m (amsl)
Ambient temperature (operation)	-40 °C ... 50 °C (T6)
	-40 °C ... 70 °C (T4)
Number of surge protection modules that can be mounted side by side	max. 10
Operating voltage	20 V DC ... 30 V DC
max. input voltage U_m	35 V DC
Maximum switching voltage U_m	60 V DC

Dimensions

Dimensional drawing	

Width	17.7 mm
Height	91.1 mm
Depth	51.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch	1 HP

Material specifications

Color	black (RAL 9005)
	gray (RAL 7042)
Flammability rating according to UL 94	V-0
Housing material	PA 6.6

Mechanical properties

Mechanical data

Open side panel	No

Protective circuit

Surge protection fault message	Remote indication contact
Max. required back-up fuse	500 mA (F)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 4000 m (amsl)
Permissible humidity (operation)	5 % ... 95 %

Standards and regulations

Standards/specifications	EN 61000-6-2
Note	2005
Standards/specifications	EN 61000-6-3
Note	2007 + A1:2011
Standards/specifications	EN 60950-1
Note	2006 + A1:2010
Standards/specifications	EN 60079-0
Note	2018
Standards/specifications	EN 60079-11
Note	2012
Standards/specifications	EN 60079-15
Note	2010
Standards/specifications	IEC 60079-0
Note	2017
Standards/specifications	IEC 60079-11
Note	2011

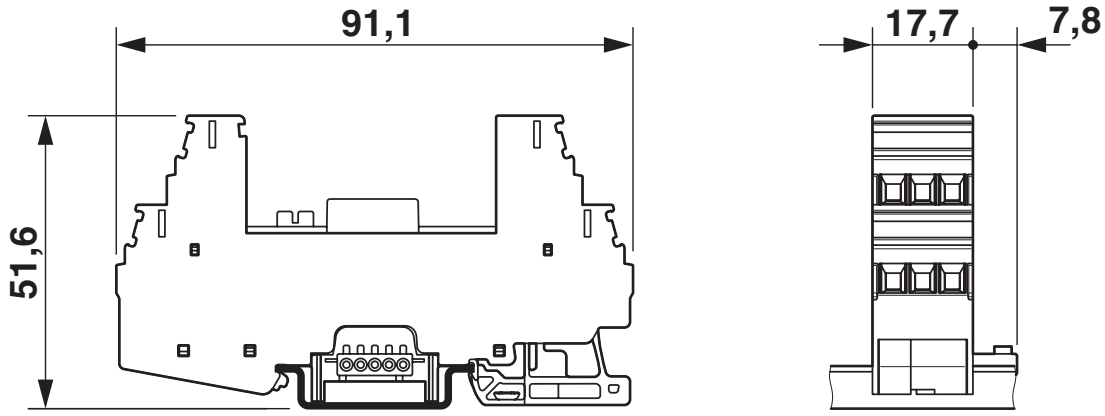
Standards/specifications	IEC 60079-15
Note	2010
Standards/specifications	GB/T 3836.1
Note	2021
Standards/specifications	GB/T 3836.3
Note	2021
Standards/specifications	GB/T 3836.4
Note	2021
Standards/specifications	GB/T 3836.8
Note	2021

Mounting

Mounting type	DIN rail: 35 mm

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2905364

IECEx
Approval ID: IECEx BVS 14.0017X

cUL Listed
Approval ID: FILE E 333250

UL Listed
Approval ID: FILE E 333250

ATEX
Approval ID: BVS 14 ATEX E 020 X

NEPSI-EX
Approval ID: GYJ20.1158X

CCC
Approval ID: 2020322316001010

UKCA-EX
Approval ID: DEKRA 23UKEX0111X

Classifications

ECLASS

ECLASS-13.0	27171501
ECLASS-15.0	27171501

ETIM

ETIM 10.0	EC001466

UNSPSC

UNSPSC 21.0	39121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	b0f8ce7a-4eb6-438d-bca6-ed73beffde91

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