PT-IQ-PTB-P - Plug

2800989

https://www.phoenixcontact.com/us/products/2800989

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24 V

IEC



Replacement plug for the PLUGTRAB PT-IQ-PTB... supply and remote signaling module

Your advantages

- Predictive monitoring with 3-stage LED display
- Integration of the status message into the system controller via group remote signaling
- The signal is not influenced during maintenance work, thanks to the impedance-neutral insertion and removal of protective plugs
- Maximum ease of maintenance, thanks to the 2-piece design
- Maximum protection for MCR applications with high discharge capacity

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2800989
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL22
Product key	CL2151
GTIN	4046356665971

Weight per piece (including packing)	54.1 g
Weight per piece (excluding packing)	50.1 g
Customs tariff number	85363010
Country of origin	DE

Technical data

Notes

General	This product is a replacement plug.

Product properties

Product type	Replacement plug
Product family	PLUGTRAB IQ
Type	Male

Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Nominal voltage U_N	24 V DC

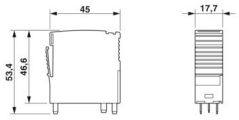
Supply: Status indicator/remote signaling

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	pluggable

Dimensions

Dimensional drawing	
Width	17.7 mm
Height	45 mm
Depth	53.4 mm
Horizontal pitch	1 HP

Material specifications

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

Protective circuit

Nominal voltage U_N	24 V DC
Surge protection fault message	Optical, multi-stage

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

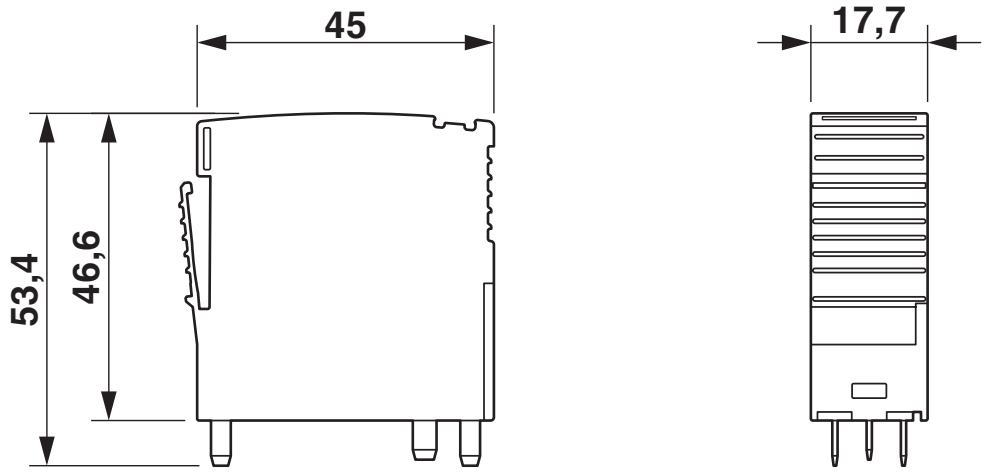
Standards/specifications	EN 61000-6-2
Note	2005
Standards/specifications	EN 61000-6-3
Note	2007 + A1:2011
Standards/specifications	EN 60950-1
Note	2006 + A1:2010
Standards/specifications	EN 60079-0
Note	2018
Standards/specifications	EN 60079-11
Note	2012
Standards/specifications	EN 60079-15
Note	2010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

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2800989

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(a), 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	2661d0b1-a4d4-4641-b137-b54a67d1d833

EF3.1 Climate Change

CO2e kg	5.553 kg CO2e

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