

PT-IQ-1X2-TELE-P - Surge protection plug



2800782

<https://www.phoenixcontact.com/nl/products/2800782>

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 documentation. Our general terms of use for downloads are valid.



Surge protection plug with integrated multi-stage status indicator on the module, for protecting a double wire from analog and digital telecommunications interfaces (up to 16 Mbps).

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

Commercial data

Item number	2800782
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL2151
Product key	CL2151
GTIN	4046356645270
Weight per piece (including packing)	48,6 g
Weight per piece (excluding packing)	48,3 g
Customs tariff number	85363010
Country of origin	DE

PT-IQ-1X2-TELE-P - Surge protection plug



2800782

<https://www.phoenixcontact.com/nl/products/2800782>

Technical data

Notes

General

Note	Remote signaling as well as the power supply are established by inserting the connector into the base element.
------	--

Product properties

Product family	PLUGTRAB IQ
Type	Male
Surge protection fault message	Optical, multi-stage
Wire pairs per module	1

Insulation characteristics

Overvoltage category	III
Pollution degree	2

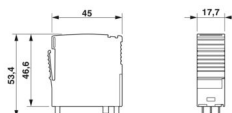
Electrical properties

Nominal voltage U_N	180 V DC
-----------------------	----------

Connection data

Connection method	pluggable
-------------------	-----------

Dimensions

Dimensional drawing	
Width	17.7 mm
Height	45 mm
Depth	53.4 mm
Horizontal pitch	1 Div.
Complete module width	17.7 mm
Complete module height	91.1 mm
Complete module depth	77.5 mm

Material specifications

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

Protective circuit

Direction of action	Line-Line & Line-Earth Ground
---------------------	-------------------------------

PT-IQ-1X2-TELE-P - Surge protection plug



2800782

<https://www.phoenixcontact.com/nl/products/2800782>

Nominal voltage U_N	180 V DC
Maximum continuous operating voltage U_C	180 V DC
Rated current	150 mA (25 °C)
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 mm (amsl)
Permissible humidity (operation)	5 % ... 95 %

Standards and regulations

Standards/specifications	IEC 61643-21
Note	2000 + A1:2008 + A2:2012
Standards/specifications	EN 61643-21
Note	2001 + A1:2009 + A2:2013
Standards/specifications	EN 61000-6-2
Note	2005
Standards/specifications	EN 61000-6-3
Note	2007 + A1:2011

Mounting

Mounting type	on base element
---------------	-----------------

PT-IQ-1X2-TELE-P - Surge protection plug

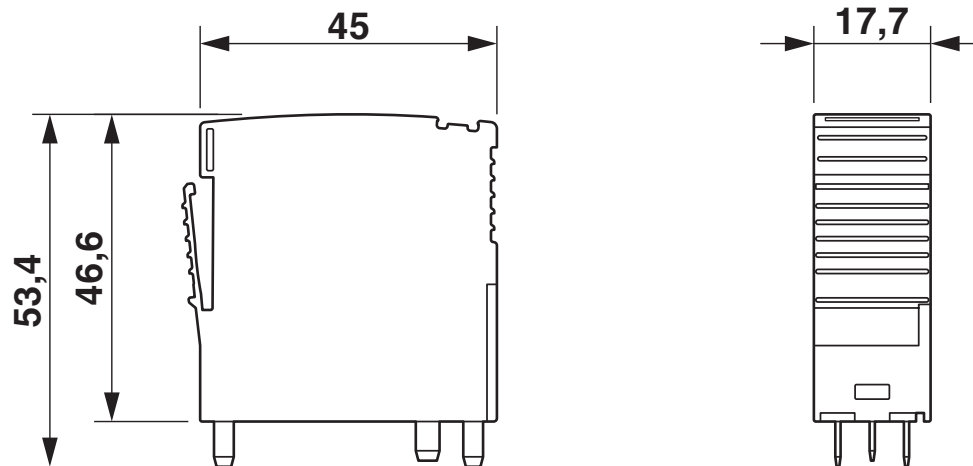
2800782

<https://www.phoenixcontact.com/nl/products/2800782>



Drawings

Dimensional drawing



PT-IQ-1X2-TELE-P - Surge protection plug



2800782

<https://www.phoenixcontact.com/nl/products/2800782>

Classifications

ECLASS

ECLASS-13.0	27171503
ECLASS-15.0	27171503

ETIM

ETIM 10.0	EC001466
-----------	----------

UNSPSC

UNSPSC 21.0	39121600
-------------	----------

PT-IQ-1X2-TELE-P - Surge protection plug



2800782

<https://www.phoenixcontact.com/nl/products/2800782>

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)
	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS: 79-94-7)
SCIP	eada3379-72bf-4a40-af86-2e20d7852042

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT B.V.
Hengelder 56 6902 PA Zevenaar
Postbus 246 6900 AE Zevenaar
(0316) 59 17 20
sales@phoenixcontact.nl