

2801515
<https://www.phoenixcontact.com/us/products/2801515>

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Surge protection plug with integrated multi-stage status indicator on the module for two 2-wire floating Ex-i signal circuits. Nominal voltage: 24 V DC

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	2801515
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL22
Product key	CL2152
GTIN	4046356801256
Weight per piece (including packing)	58.5 g
Weight per piece (excluding packing)	58.5 g
Customs tariff number	85363010
Country of origin	DE

PT-IQ-2X2-EX-24DC-P - Surge protection plug



2801515

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Technical data

Notes

General

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

Product type	Replacement plug
Product family	PLUGTRAB IQ
Type	Male

Insulation characteristics

Overvoltage category	III
Pollution degree	2

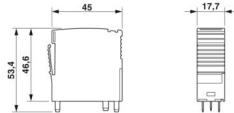
Electrical properties

Nominal voltage U_N	24 V DC
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Connection data

Connection method	pluggable
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Dimensions

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

Material specifications

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

Protective circuit

Maximum continuous operating voltage U_C	30 V DC
	21 V AC
Rated current	350 mA
Surge protection fault message	Optical, multi-stage

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2801515

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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	≤ 2000 m (amsl)

Standards and regulations

Standards/specifications	EN 61643-21
Note	A2:2013
Standards/specifications	IEC 61643-21
Note	A2:2012
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
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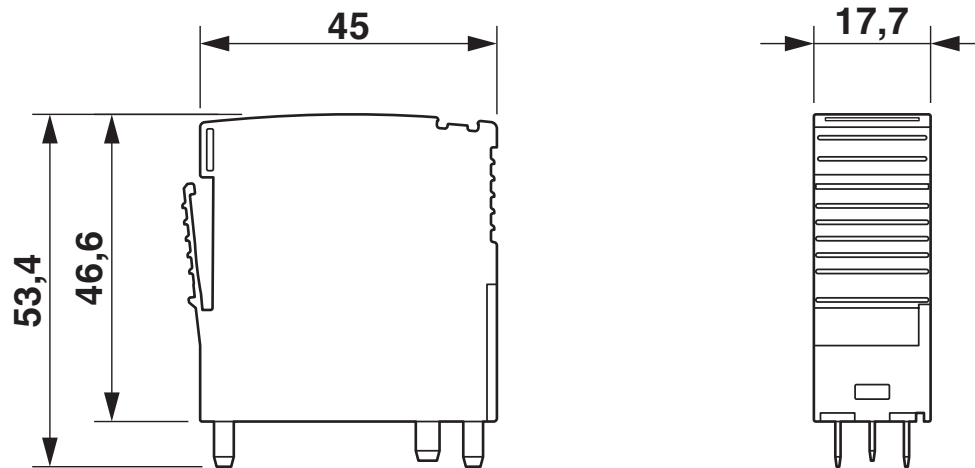
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Drawings

Dimensional drawing



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2801515

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2801515>



UL Listed

Approval ID: FILE E 138168



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

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2801515

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Classifications

ECLASS

ECLASS-13.0	27171502
ECLASS-15.0	27171502

ETIM

ETIM 9.0	EC001625
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UNSPSC

UNSPSC 21.0	39121600
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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	f78364f9-84fc-4e83-a009-0c80c0414f2a

EF3.0 Climate Change

CO2e kg	3.706 kg CO2e
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