

TTC-6P-3-24DC-I-P - Surge protection plug



1061384

<https://www.phoenixcontact.com/us/products/1061384>

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Surge protection plug with integrated status indicator on the module for a 3-wire floating signal circuit with a high nominal current. Nominal voltage: 24 V DC

Your advantages

- Space-saving and cost-saving with a narrow overall width of just 6 mm
- Continuous monitoring of protective devices, plus mechanical status indicator with optional remote signaling
- Finding the right product for all possible requirements in MCR applications is easy, thanks to the complete range of products with customized features
- Easy testing and documentation with CHECKMASTER 2 with pluggable protective modules
- The signal is not influenced during maintenance work, thanks to the impedance-neutral insertion and removal of protective plugs

Commercial data

Item number	1061384
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL02
Product key	CL216Z
Catalog page	Page 143 (C-4-2019)
GTIN	4055626715650
Weight per piece (including packing)	16.8 g
Weight per piece (excluding packing)	9.3 g
Customs tariff number	85363010
Country of origin	DE

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Technical data

Product properties

Type	Male
Product type	Replacement plug
Product family	TERMITRAB complete

Insulation characteristics

Overvoltage category	III
Pollution degree	2

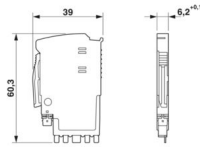
Electrical properties

Nominal voltage U_N	24 V DC
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Connection data

Connection method	pluggable
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Dimensions

Dimensional drawing	
Width	6.2 mm +0.1 mm
Height	39 mm
Depth	60.3 mm

Material specifications

Color	light grey (RAL 7035) light grey (RAL 7035)
Flammability rating according to UL 94	V-0
Insulating material	PBT
Housing material	PBT

Protective circuit

Direction of action	Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Maximum continuous voltage U_C	30 V DC
Rated current	5 A (55 °C)
Surge protection fault message	optical

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standards/specifications	IEC 61643-21
Note	2000 + corrigendum 2001 + A1:2008, modified + A2:2012

EN 61643-21

Standards/specifications	EN 61643-21
Note	2001 + A1:2009 + A2:2013

Mounting

Mounting type	on base element
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Classifications

ECLASS

ECLASS-11.0	27130890
ECLASS-13.0	27171501

ETIM

ETIM 9.0	EC001625
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UNSPSC

UNSPSC 21.0	39121600
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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