

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



1061384

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

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 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

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



1061384

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

Technical data

Product properties

Product type	Replacement plug
Product family	TERMITRAB complete
Type	Male

Insulation characteristics

Overvoltage category	III
Pollution degree	2

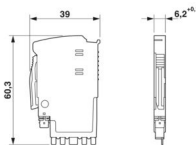
Electrical properties

Nominal voltage U_N	24 V DC
-----------------------	---------

Connection data

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

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)
----------------------	------------------------

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



1061384

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

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
---------------	-----------------

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

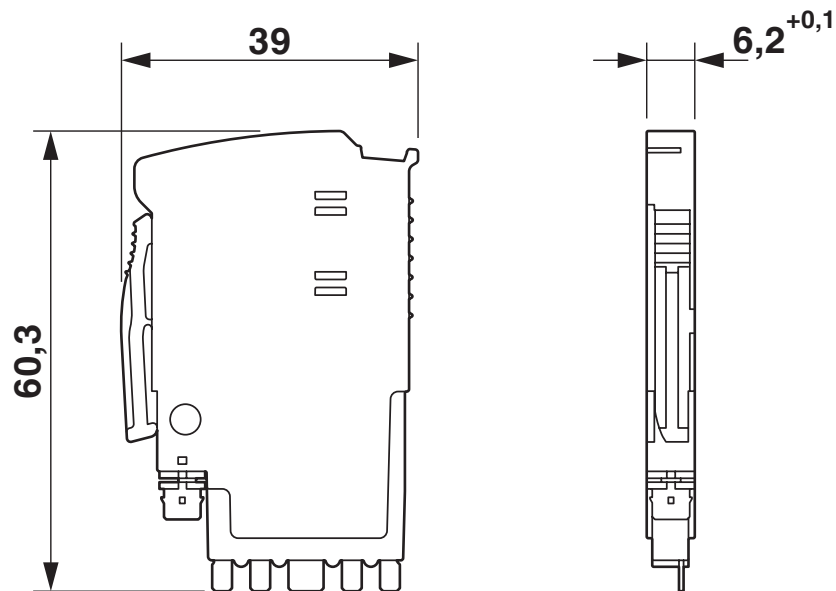
1061384

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

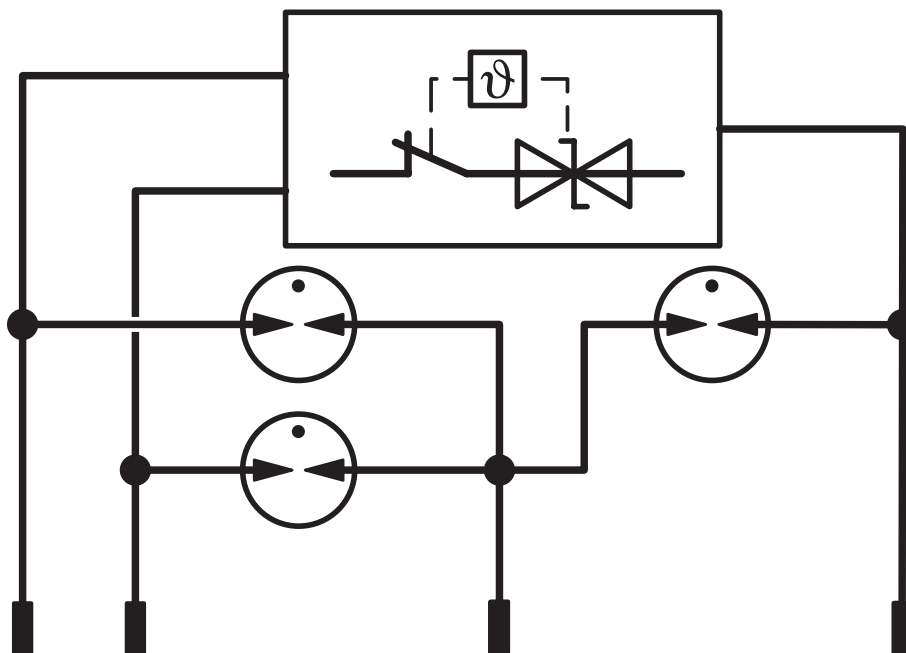


Drawings

Dimensional drawing



Circuit diagram



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



1061384

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

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1061384>



UL Listed

Approval ID: FILE E 138168

UAE-RoHS

Approval ID: 22-06-16781



cUL Listed

Approval ID: FILE E 333250



UL Listed

Approval ID: FILE E 333250



IECEx

Approval ID: IECEx BVS 21.0057X



ATEX

Approval ID: BVS 21 ATEX E 052 X



CCC

Approval ID: 2022122304116080



UKCA-EX

Approval ID: DEKRA 23UKEX7003X

cULus Listed

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



1061384

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

Classifications

ECLASS

ECLASS-11.0	27130890
ECLASS-13.0	27171501

ETIM

ETIM 9.0	EC001625
----------	----------

UNSPSC

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

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



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

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)
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	ec23c63f-a99b-4668-b1a1-e99d769de1ed

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

1061384

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



Accessories

ZBF 6 CUS - Zack Marker strip, flat

0825027

<https://www.phoenixcontact.com/us/products/0825027>



Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

ZBF 6:UNBEDRUCKT - Zack Marker strip, flat

0808710

<https://www.phoenixcontact.com/us/products/0808710>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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

1061384

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



ZBF 6/WH-100:UNBEDRUCKT - Zack Marker strip, flat

0808736

<https://www.phoenixcontact.com/us/products/0808736>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 1000

ZBF 6,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808765

<https://www.phoenixcontact.com/us/products/0808765>



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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

1061384

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



X-PEN 0,35 - Marker pen

0811228

<https://www.phoenixcontact.com/us/products/0811228>



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com