TTC-6P-4-24DC-I-P - Surge protection plug

1106015

https://www.phoenixcontact.com/us/products/1106015

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24 V
IEC



Surge protection plug with integrated status indicator on the module for a 4-wire floating signal circuit with a high nominal current. Nominal voltage: 24 V DC

Your advantages

- Efficient use of space: the narrowest pluggable surge protection solution for 4-conductor applications
- Easy function monitoring: on-site or optionally via remote signaling, with optical monitoring, without additional effort
- Servicing without affecting the signal: replace the surge protection module without affecting the measuring signal
- Flexible choice: Push-in Technology or screw connection

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1106015
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL02
Product key	CL216Z
GTIN	4055626990569
Weight per piece (including packing)	17.12 g

Weight per piece (excluding packing)	16.62 g
Customs tariff number	85363010
Country of origin	DE

Technical data

Product properties

Product type	Replacement plug
Product family	TERMITRAB complete
Type	Male

Insulation characteristics

Overvoltage category	III
Pollution degree	2

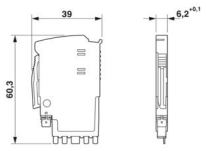
Electrical properties

Nominal voltage U_N	24 V DC
	24 V AC

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

Protective circuit

Direction of action	Line-Line & Line-Earth Ground
Nominal voltage U_N	24 V DC
	24 V AC
Maximum continuous operating voltage U_C	36 V DC
	30 V AC
Rated current	2.5 A (60°C for insulated systems)
Surge protection fault message	optical

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
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

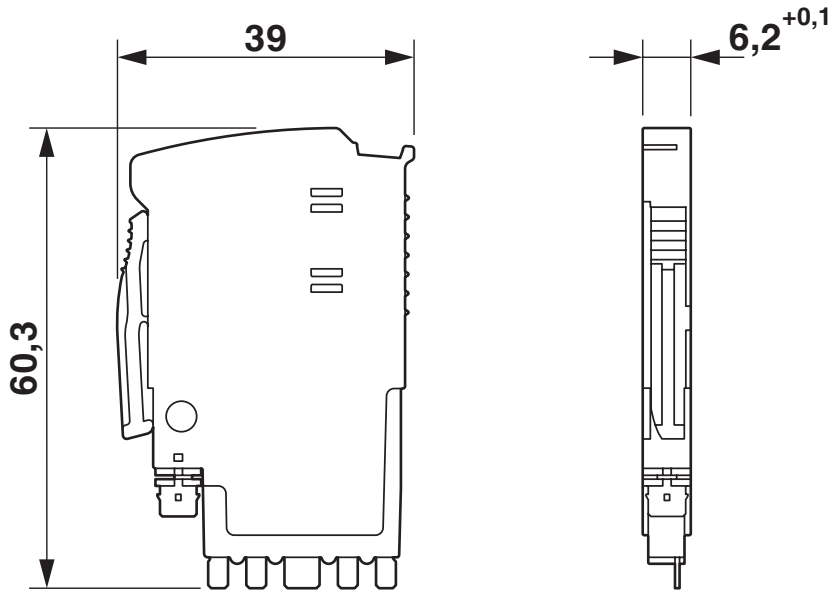
Standards/specifications	EN 61643-21
Note	2001 + A1:2009 + A2:2013

Mounting

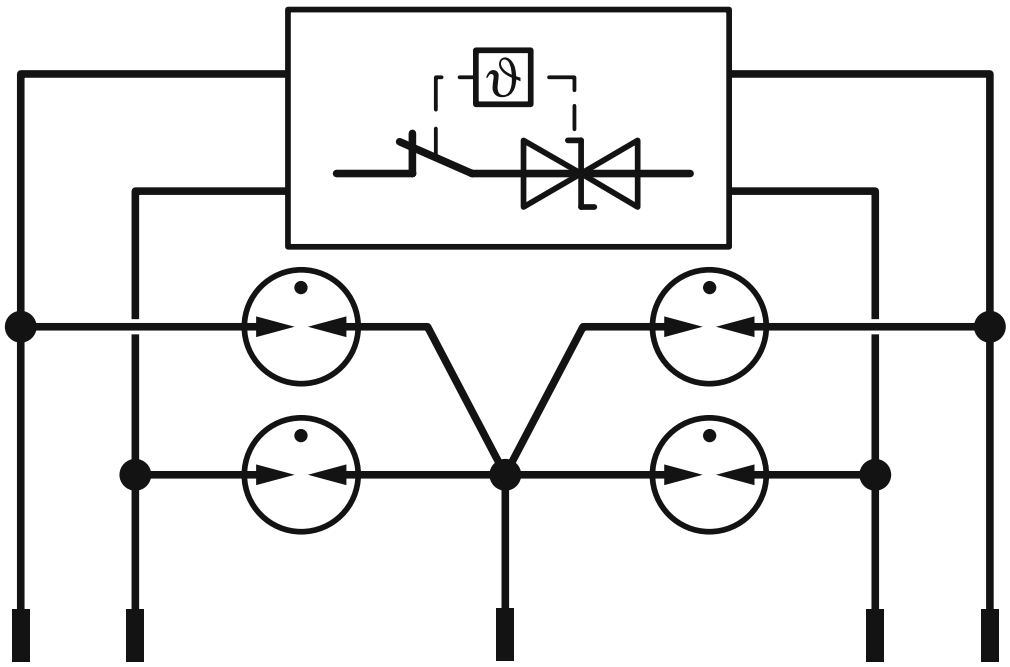
Mounting type	on base element

Drawings

Dimensional drawing



Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1106015

UL Listed
Approval ID: FILE E 138168

UAE-RoHS
Approval ID: 22-06-16783

UL Listed
Approval ID: FILE E 138168

cUL Listed
Approval ID: FILE E 333250

UL Listed
Approval ID: FILE E 333250

cULus Listed
Approval ID: File E 333250

Classifications

ECLASS

ECLASS-13.0	27171592
ECLASS-15.0	27171592

ETIM

ETIM 10.0	EC002497

UNSPSC

UNSPSC 21.0	39121600

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	757da08a-0abb-444a-bf4b-bfa26b245432

EF3.1 Climate Change

CO2e kg	1.047 kg CO2e

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