

# TTC-6P-3-HF-EX-24DC-I-P - Surge protection plug



2907834

<https://www.phoenixcontact.com/us/products/2907834>

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Surge protection plug with integrated status indicator for a 3-wire Ex i signal circuit with common reference potential. For HF applications. 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	2907834
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL02
Product key	CL216Z
GTIN	4055626379777
Weight per piece (including packing)	36.1 g
Weight per piece (excluding packing)	36.1 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

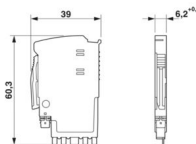
### Electrical properties

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	blue (RAL 5015)
	gray (RAL 7042)
Flammability rating according to UL 94	V-0
Insulating material	PBT
Housing material	PBT

### Protective circuit

Maximum continuous voltage $U_C$	30 V DC
Rated current	600 mA (40 °C)
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

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Altitude	≤ 2000 m (amsl)
Permissible humidity (operation)	5 % ... 95 %

## Standards and regulations

Standards/specifications	EN 60079-0
Note	2018
Standards/specifications	EN 60079-11
Note	2012

### EN 61643-21

Standards/specifications	EN 61643-21
Note	2001 + A1:2009 + A2:2013
Standards/specifications	IEC 60079-0
Note	2017
Standards/specifications	IEC 60079-11
Note	2008
Standards/specifications	IEC 61643-21
Note	2000 + corrigendum 2001 + A1:2008, modified + A2:2012

## Mounting

Mounting type	on base element
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## Classifications

### ECLASS

ECLASS-11.0	27130890
ECLASS-13.0	27171502

### ETIM

ETIM 9.0	EC000943
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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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)