

1221749

<https://www.phoenixcontact.com/us/products/1221749>

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Contact module for modular emergency stop switches with force-guided N/C contact for safety-related shutdown, N/O contact for assembly monitoring, in conjunction with appropriate evaluation unit suitable for use up to PL e (EN ISO 13849-1), SIL 3 (EN IEC 62061)

Product description

Phoenix Contact emergency stop switches are electromechanical switching devices with a safety function. They are used to safely shut down or stop machines and systems in order to prevent or minimize personal injury and property damage. The portfolio includes a modular system as well as a preconfigured solution. The modular emergency stop switch is comprised of the following components: – PSR-ESS-M0-H100 /...110 / ...120 actuator – PSR-ESS-ACC-CB1-C... module holder – PSR-ESS-ACC-CB1-NC-SC or PSR-ESS-ACC-CB1-SM-SC safe contact module Further contact modules can be combined if required.

Your advantages

- Modular system allows an efficient solution for individual applications
- Direct opening action in accordance with IEC 60947-5-1
- In applications with appropriate evaluation device suitable for use up to PL e (EN ISO 13849-1), SIL 3 (EN IEC 62061)
- Protection against installation errors with self-monitoring via the contact module

Commercial data

Item number	1221749
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN04
Product key	DNA62Z
GTIN	4063151309961
Weight per piece (including packing)	26.3 g
Weight per piece (excluding packing)	13.9 g
Customs tariff number	85365080
Country of origin	DE

PSR-ESS-ACC-CB1-SM-SC - Contact module



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Technical data

Product properties

Product type	Contact module
Product family	Modular emergency stop switches
Application	Safe shutdown + assembly monitoring

Insulation characteristics

Protection class	II
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Insulation characteristics

Overvoltage category	III
Pollution degree	3

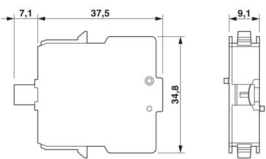
Electrical properties

Rated surge voltage	2.5 kV
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Connection data

Connection method	Screw connection
Tightening torque	0.8 ... 1 Nm

Dimensions

Dimensional drawing	
Width	9.1 mm
Height	34.8 mm
Depth	44.6 mm

Material specifications

Color (Upper housing part)	red (RAL 3001)
Color (Lower housing part)	brown (RAL 8028)
Flammability rating according to UL 94	V0
Housing material	PA

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-30 °C ... 70 °C (in conjunction with lighting module max. 65°C)
Ambient temperature (storage/transport)	-50 °C ... 85 °C
Maximum altitude	max. 2000 m (Above sea level)
Shock	15g / 11 ms, in accordance with IEC 60068-2-27

PSR-ESS-ACC-CB1-SM-SC - Contact module



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Vibration (operation)	10 Hz ... 500 Hz, 0.35 mm amplitude, 5g, in accordance with IEC 60068-2-6
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Mounting

Mounting type	Plug-in mounting
Mounting position	any



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Classifications

ECLASS

ECLASS-11.0	27371302
ECLASS-12.0	27371302
ECLASS-13.0	27371302

ETIM

ETIM 9.0	EC000041
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UNSPSC

UNSPSC 21.0	39122200
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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