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Emergency stop switch, in conjunction with appropriate evaluation unit suitable for use up to PL e (EN ISO 13849-1), SIL 3 (EN IEC 62061), panel installation, spade connection

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 preconfigured emergency stop switch is ready for immediate use and is connected via a spade connector. Thanks to its compact design, the emergency stop switch can be used flexibly and can be installed in a wide range of control points.

Your advantages

- Flexible use, thanks to compact design
- Easy connection with spade connector
- Rapid on-site diagnostics with color-coded switching position indicator
- In applications with appropriate evaluation device suitable for use up to PL e (EN ISO 13849-1), SIL 3 (EN IEC 62061)

Commercial data

Item number	1221740
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN04
Product key	DNA621
GTIN	4063151310646
Weight per piece (including packing)	44.1 g
Weight per piece (excluding packing)	17.5 g
Customs tariff number	85365080
Country of origin	DE

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<https://www.phoenixcontact.com/us/products/1221740>

Technical data

Notes

Note on application	
Note on application	Only for industrial use

Product properties

Product type	Emergency stop switch
Data management status	
Article revision	01
Insulation characteristics	
Overvoltage category	III
Pollution degree	3

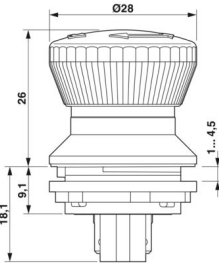
Electrical properties

Rated surge voltage	2.5 kV
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Connection data

Connection method	Spade connection
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Dimensions

Dimensional drawing	
Depth	44.1 mm
Diameter	28 mm

Material specifications

Color (Mushroom head button)	red (RAL 3001)
Color (Front frame)	yellow (RAL 1018)
Flammability rating according to UL 94	V2 (Actuator)
	V0 (Contact element)
Housing material	PA

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP65/IP67 (with professional installation in the appropriate

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	installation space)
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Maximum altitude	max. 2000 m (Above sea level)
Shock	15g / 11 ms, in accordance with IEC 60068-2-27
Vibration (operation)	10 Hz ... 500 Hz, 0.35 mm amplitude, 5g, in accordance with IEC 60068-2-6

Mounting

Mounting type	Panel mount
Assembly note	Mounting nut torque: 1.3 Nm ... 1.9 Nm
Mounting position	any

PSR-ESS-M0-H200-2000-C - Emergency stop switch

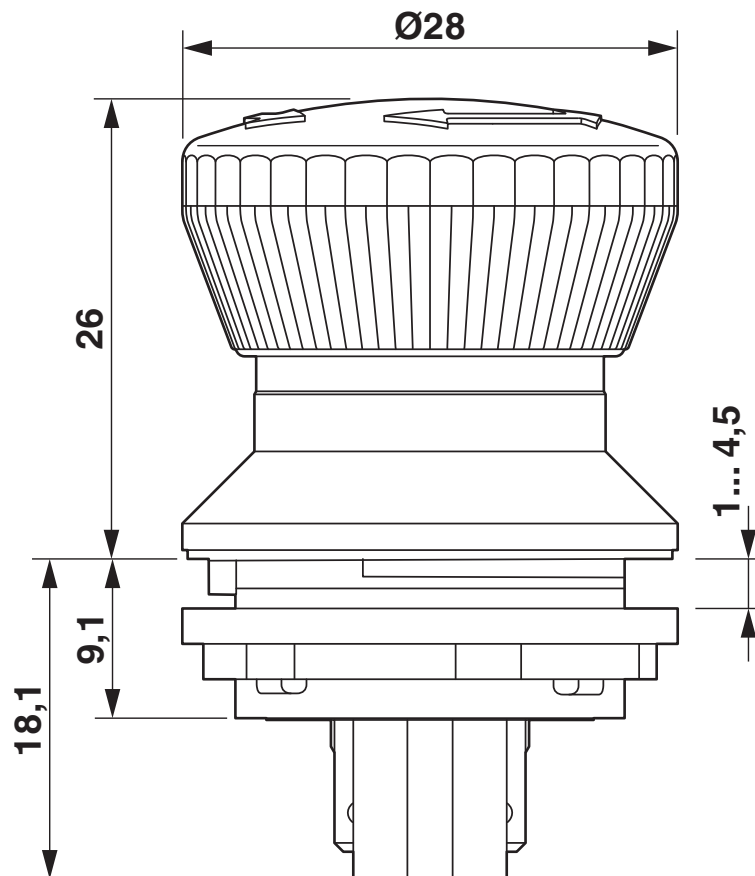
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Drawings

Dimensional drawing



Dimensions (in mm)

PSR-ESS-M0-H200-2000-C - Emergency stop switch




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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1221740>



cUL Recognized
Approval ID: E519465



UL Recognized
Approval ID: E519465



Functional Safety
Approval ID: B 029429 0031



EAC
Approval ID: RU*DE*B*00073/21

cULus Recognized

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Classifications

ECLASS

ECLASS-11.0	27371216
ECLASS-13.0	27371216
ECLASS-12.0	27371216

ETIM

ETIM 9.0	EC000225
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UNSPSC

UNSPSC 21.0	39122200
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

C-SCF 1/2,8X0,8 - Connector

3240153

<https://www.phoenixcontact.com/us/products/3240153>



Slip-on sleeve, non-insulated, 0.5 ... 1 mm², 2.8 x 0.8

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