

# PSR-ESS-M0-H100 - Actuator



1221758

<https://www.phoenixcontact.com/us/products/1221758>

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Actuator for modular emergency stop switches, for combination with module holder and contact module as a functional unit, panel installation, bayonet lock

## 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
- Bayonet lock allows tool-free connection with the actuator
- Rapid on-site diagnostics with color-coded switching position indicator

## Commercial data

Item number	1221758
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN04
Product key	DNA621
GTIN	4063151310295
Weight per piece (including packing)	60 g
Weight per piece (excluding packing)	54 g
Customs tariff number	85365080
Country of origin	DE

## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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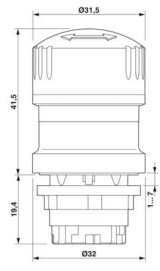
### Product properties

Product type	Actuator
Product family	Modular emergency stop switches

### Electrical properties

Mechanical service life	50,000 switching cycles
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### Dimensions

Dimensional drawing	
Depth	60.9 mm
Diameter	31.5 mm

### Material specifications

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

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65/IP67/IP69K (with professional installation in the appropriate installation space)
Ambient temperature (operation)	-30 °C ... 70 °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
Vibration (operation)	10 Hz ... 500 Hz, 0.35 mm amplitude, 5g, in accordance with IEC 60068-2-6

### Mounting

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Mounting type	Panel mount
Assembly note	Mounting nut torque: max. 2.5 Nm
Mounting position	any
Mounting hole diameter	22.30 mm

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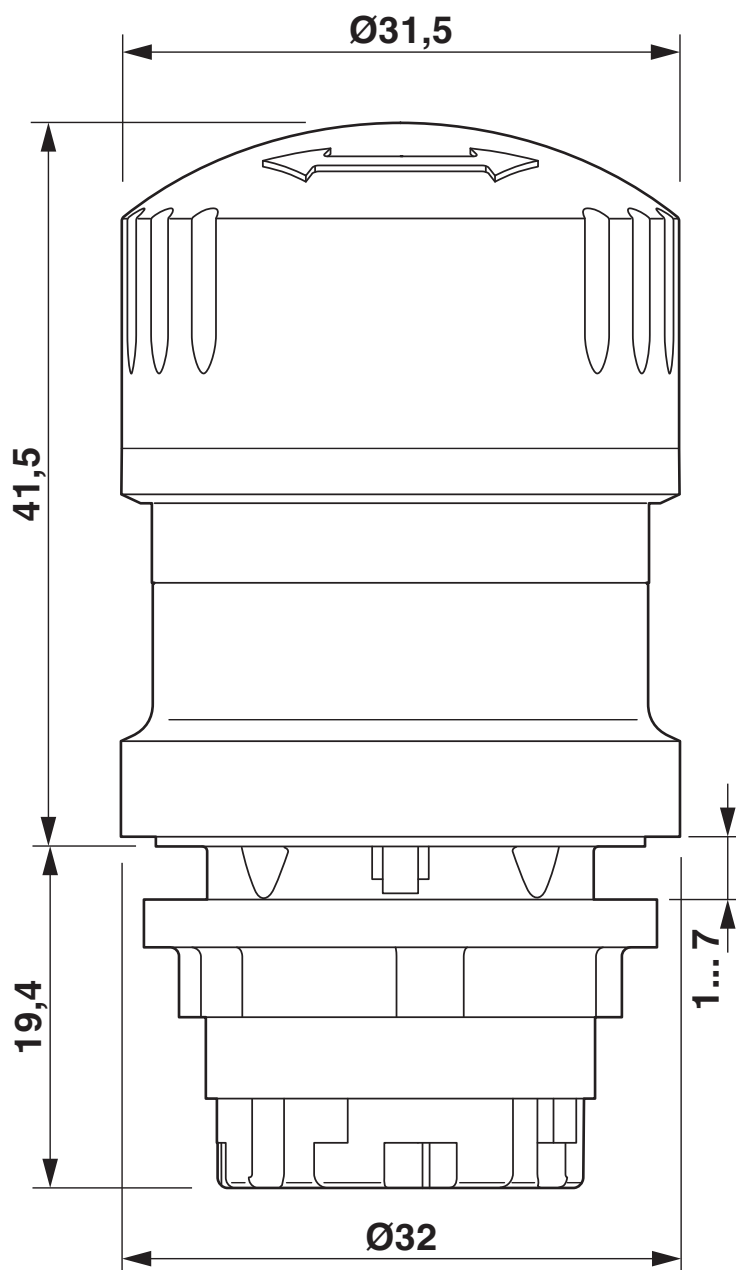
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## Drawings

Dimensional drawing



Dimensions (in mm)

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1221758>



**UL Recognized**

Approval ID: E519465



**UL Listed**

Approval ID: E140324



**cUL Listed**

Approval ID: E140324



**Functional Safety**

Approval ID: B 029429 0031 Rev01

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## Classifications

### ECLASS

ECLASS-13.0	27371212
ECLASS-15.0	27371212

### ETIM

ETIM 10.0	EC001038
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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
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### 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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### EF3.1 Climate Change

CO2e kg	1.393 kg CO2e
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