

PSR-ESS-M0-H120 - Actuator



1221753

<https://www.phoenixcontact.com/us/products/1221753>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Actuator with light-up anti-lock collar 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
- Increased occupational safety with illuminated cover as an option

Commercial data

Item number	1221753
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN04
Product key	DNA621
GTIN	4063151310585
Weight per piece (including packing)	65.6 g
Weight per piece (excluding packing)	41.7 g
Customs tariff number	85365080
Country of origin	DE

PSR-ESS-M0-H120 - Actuator



1221753

<https://www.phoenixcontact.com/us/products/1221753>

Technical data

Notes

Note on application

Note on application	Only for industrial use
---------------------	-------------------------

Product properties

Product type	Actuator
Product family	Modular emergency stop switches

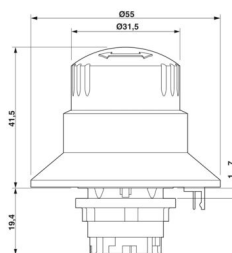
Electrical properties

Lighting

Supply voltage	24 V DC
Mechanical service life	50,000 switching cycles

Dimensions

Dimensional drawing



Depth	60.9 mm
Diameter	55 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 (with professional installation in the appropriate installation space)
Ambient temperature (operation)	-30 °C ... 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
Vibration (operation)	10 Hz ... 500 Hz, 0.35 mm amplitude, 5g, in accordance with IEC 60068-2-6

PSR-ESS-M0-H120 - Actuator



1221753

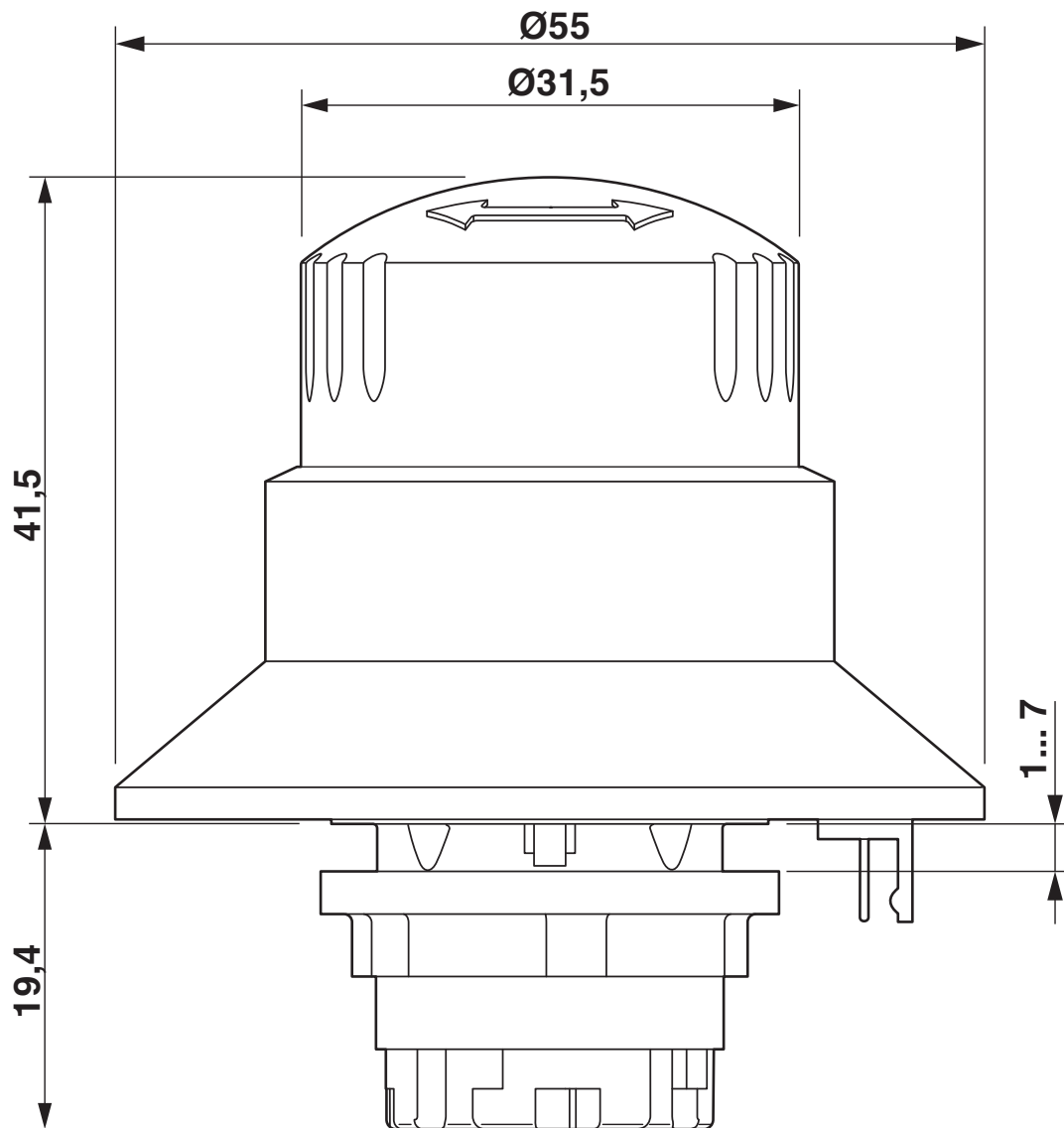
<https://www.phoenixcontact.com/us/products/1221753>

Mounting

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

Drawings

Dimensional drawing



Dimensions (in mm)

1221753

<https://www.phoenixcontact.com/us/products/1221753>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1221753>



UL Recognized

Approval ID: E519465



UL Listed

Approval ID: E140324



cUL Listed

Approval ID: E140324



Functional Safety

Approval ID: B 029429 0031

PSR-ESS-M0-H120 - Actuator



1221753

<https://www.phoenixcontact.com/us/products/1221753>

Classifications

ECLASS

ECLASS-13.0	27371212
ECLASS-15.0	27371212

ETIM

ETIM 9.0	EC001038
----------	----------

UNSPSC

UNSPSC 21.0	39122200
-------------	----------

PSR-ESS-M0-H120 - Actuator



1221753

<https://www.phoenixcontact.com/us/products/1221753>

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%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com