

PSR-ESS-M0-H110 - Actuator



1221757

<https://www.phoenixcontact.com/pc/products/1221757>

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Actuator with 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

Commercial data

Item number	1221757
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DNA621
GTIN	4063151310875
Weight per piece (including packing)	61.2 g
Weight per piece (excluding packing)	60.8 g
Customs tariff number	85365080
Country of origin	DE

PSR-ESS-M0-H110 - Actuator



1221757

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Technical data

Notes

Note on application

Note on application	Only for industrial use
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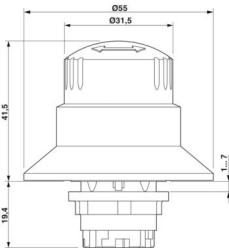
Product properties

Product type	Actuator
Product family	Modular emergency stop switches

Data management status

Article revision	01
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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/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

Mounting type	Panel mount
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PSR-ESS-M0-H110 - Actuator



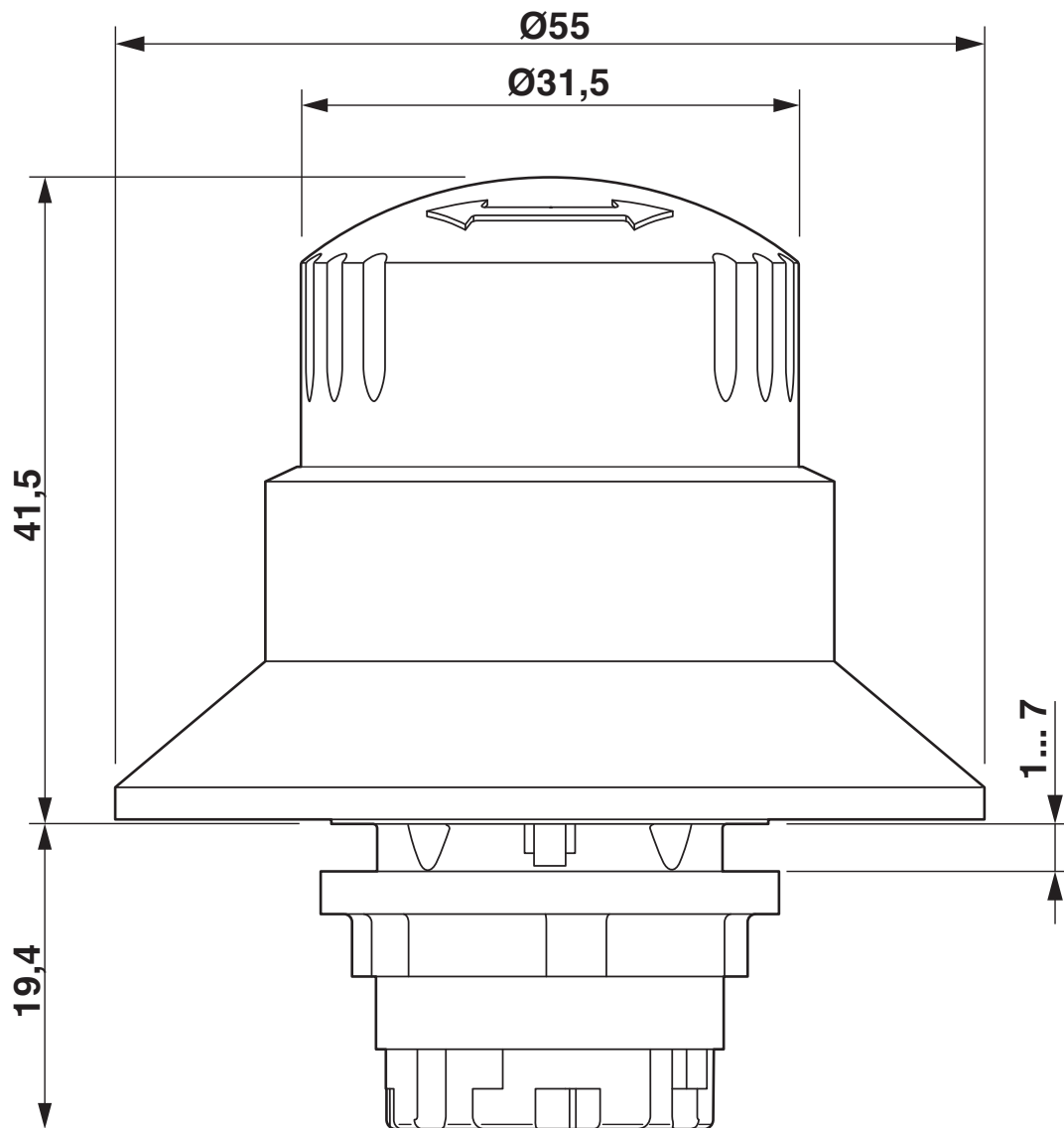
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Assembly note	Mounting nut torque: max. 2.5 Nm
Mounting position	any
Mounting hole diameter	22.30 mm

Drawings

Dimensional drawing



Dimensions (in mm)

1221757

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1221757>



UL Recognized
Approval ID: E519465



UL Listed
Approval ID: E140324



cUL Listed
Approval ID: E140324



Functional Safety
Approval ID: B 029429 0031

cULus Listed

PSR-ESS-M0-H110 - Actuator



1221757

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Classifications

ECLASS

ECLASS-11.0	27371212
ECLASS-12.0	27371212
ECLASS-13.0	27371212

ETIM

ETIM 9.0	EC001038
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UNSPSC

UNSPSC 21.0	39122200
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PSR-ESS-M0-H110 - Actuator



1221757

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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%

PSR-ESS-M0-H110 - Actuator



1221757

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Accessories

PSR-ESS-ACC-CB1-C3 - Module holder

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Module holder for modular emergency stop switches, connects the contact block and actuator with bayonet lock, suitable for 3 elements

PSR-ESS-ACC-CB1-C5 - Module holder

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Module holder for modular emergency stop switches, connects the contact block and actuator with bayonet lock, suitable for 5 elements

PSR-ESS-M0-H110 - Actuator

1221757

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

1221752

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

PSR-ESS-ACC-CB1-NO-SC - Contact module

1221751

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Contact module for modular emergency stop switches with N/O contact for feedback function through actuation of the emergency stop switch

PSR-ESS-M0-H110 - Actuator

1221757

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

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)

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