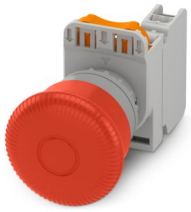
PHT22-EP-RD/PT01 - Emergency stop switch

1108298

https://www.phoenixcontact.com/us/products/1108298

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.



Emergency stop button, 22 mm, circular, red, 40 mm, forced locking, unlocking through pulling, including a button head, module holder and a direct disconnect contact module using push-in connection technology

Your advantages

- 22 mm emergency switching off push button (red) for safety shut-downs
- Emergency switching off push button set incl. 1 x N/C contact module (1NC)
- Unlocking by pulling (pull-to-reset) – prevents unintentional restarting
- Robust industrial design for machine building and control cabinet building
- Designed for modular expansion with additional contact modules

Commercial data

Item number	1108298
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE07
Product key	BE6122
GTIN	4063151011079
Weight per piece (including packing)	55 g
Weight per piece (excluding packing)	46 g
Customs tariff number	85365080
Country of origin	CN

Technical data

Product properties

Product type	Actuator
Actuator type	Emergency stop button
Function	Forced locking, unlocking through pulling
Extension of optional light source	No
with light source	否
Number of contacts as N/O contacts	0
Number of contacts as N/C contacts	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

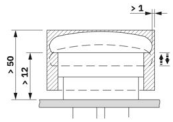
Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	5 W
Rated operating current (AC-15)	120 V 8 A
	230 V 6 A
	400 V 4 A
	600 V 2 A
Rated operating current (DC-13)	24 V 5 A
	110 V 1.1 A
	220 V 0.5 A

Connection data

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section rigid	0.5 mm² ... 2.5 mm²
Conductor cross-section flexible	0.5 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	20 ... 16 (converted acc. to IEC)
2 conductors with same cross section, rigid	0.5 mm² ... 2.5 mm²
2 conductors with the same cross-section AWG rigid	20 ... 16 (converted acc. to IEC)
2 conductors with same cross section, flexible	0.5 mm² ... 1.5 mm²
2 conductors with the same cross-section AWG flexible	20 ... 16 (converted acc. to IEC)
Thermal continuous current I_{th}	10 A
Operating voltage range	5 V ... 600 V

Dimensions

Dimensional drawing	
Width	30 mm
Height	46 mm
Depth Installation	47.9 mm
Diameter Mounting	22.3 mm

Material specifications

Color	red
Contact material	AgNi10
Front ring material	PA
Front ring color	gray

Environmental and real-life conditions

Degree of protection (IP code)

Degree of protection	IP66

Ambient conditions

Degree of protection (Connection terminal blocks)	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 85 °C
Max. permissible relative humidity (operation)	95 %
Permissible humidity (operation)	≤ 95 % ((room temperature 25℃) no condensation)

Standards and regulations

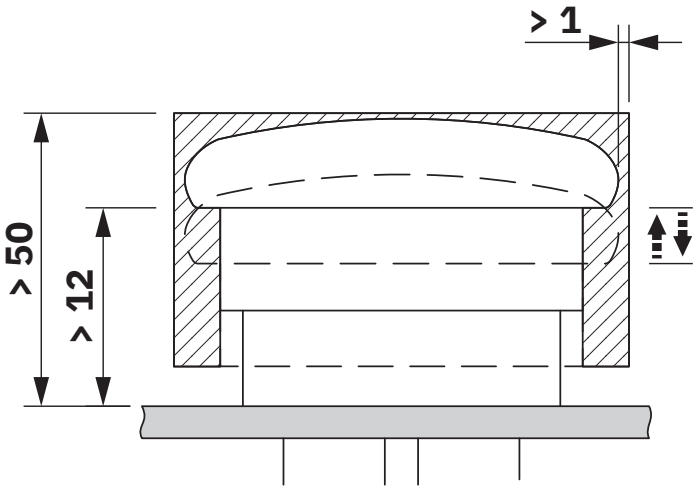
Standards/specifications	IEC 60947-5-5
	GB 14048.14
	UL 60947-5-5

Mounting

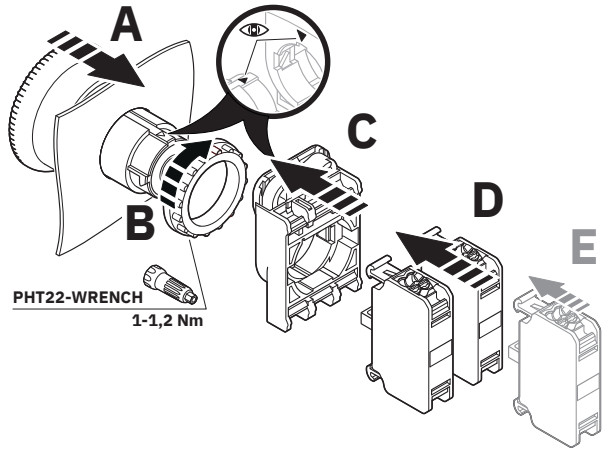
Mounting type	Panel mount
Tightening torque	1 Nm ... 1.2 Nm

Drawings

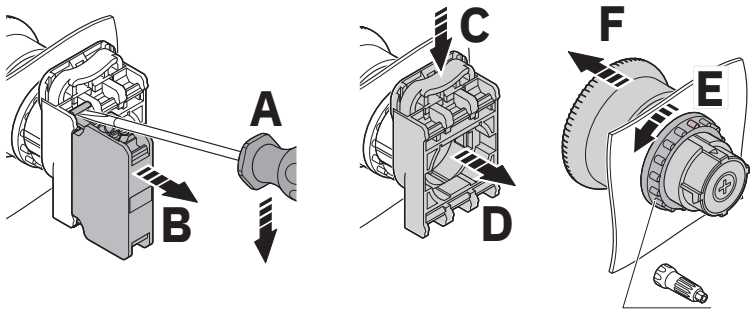
Dimensional drawing



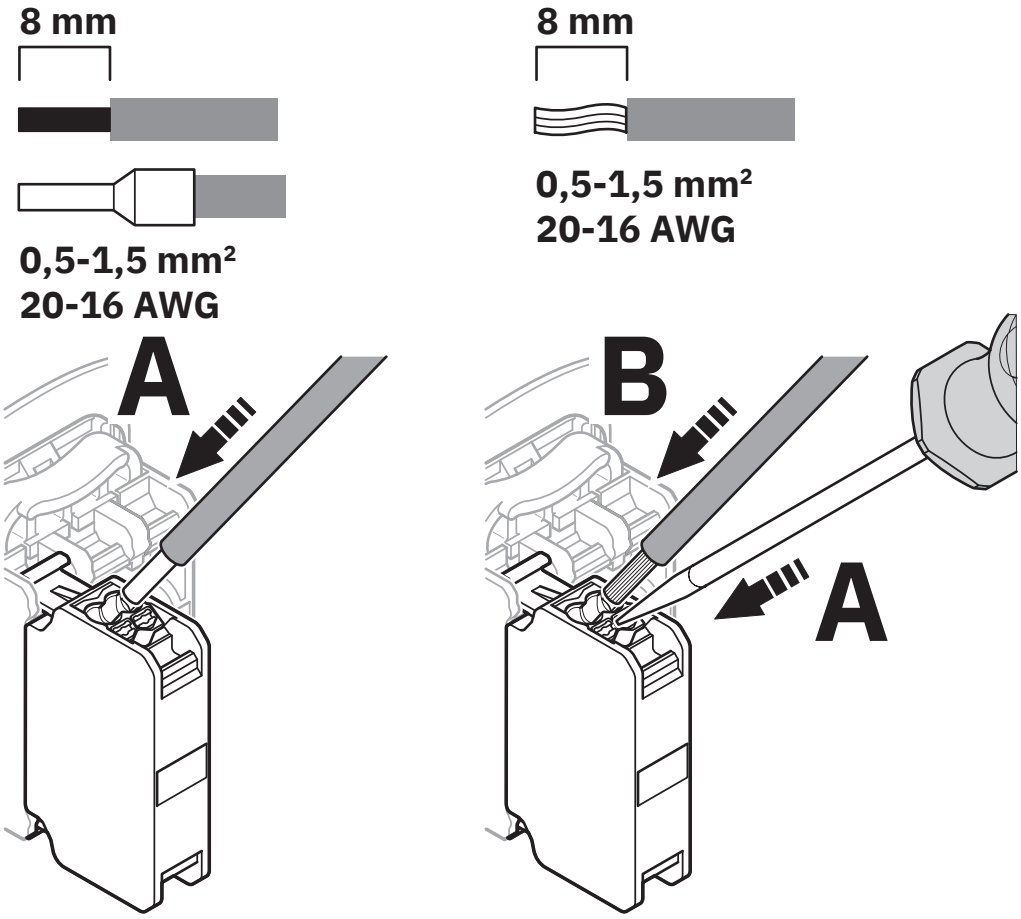
Schematic diagram



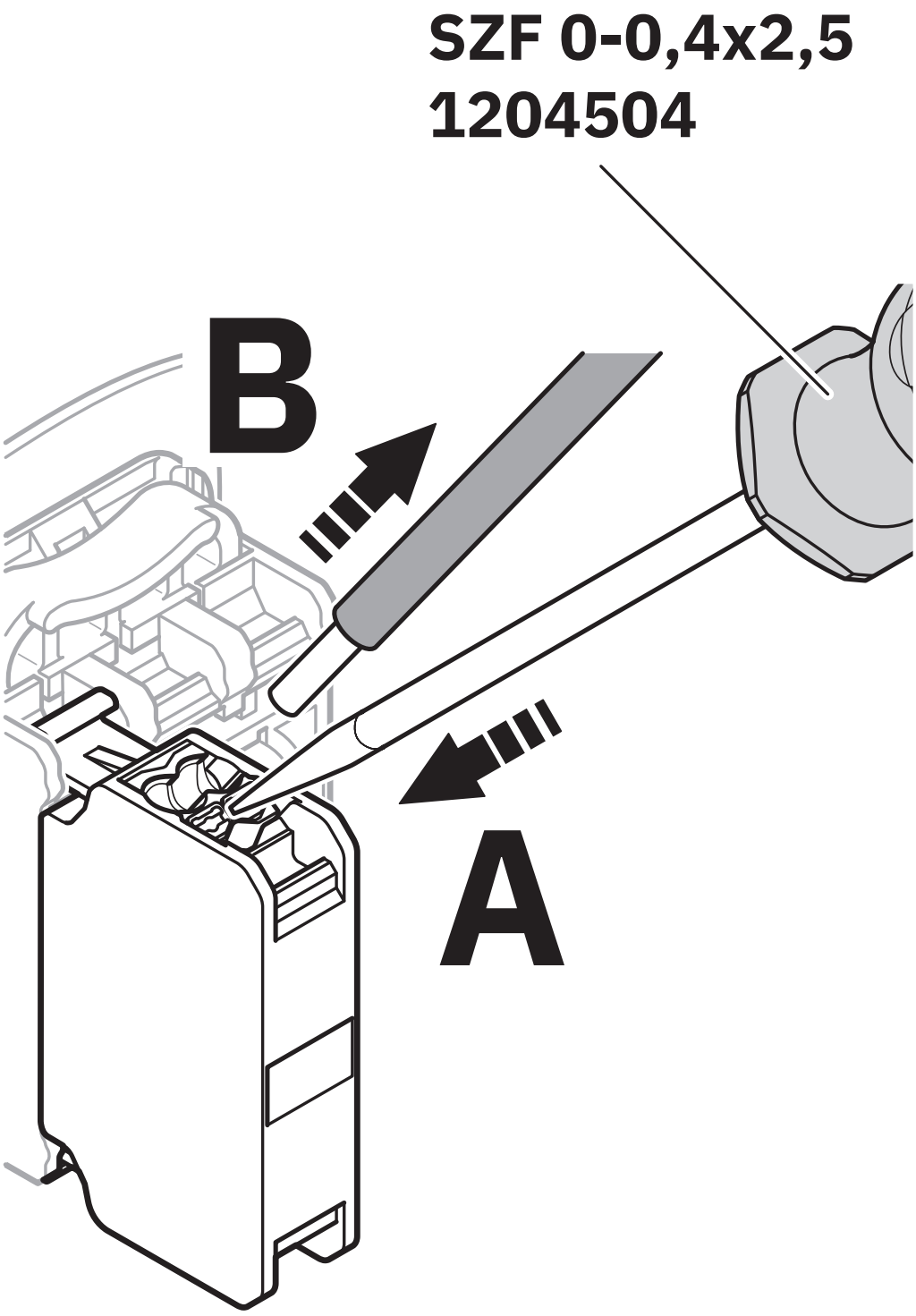
Schematic diagram



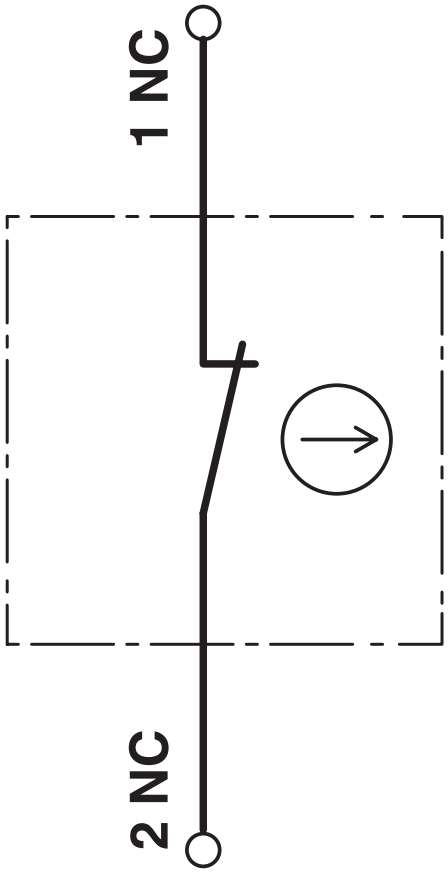
Schematic diagram



Schematic diagram

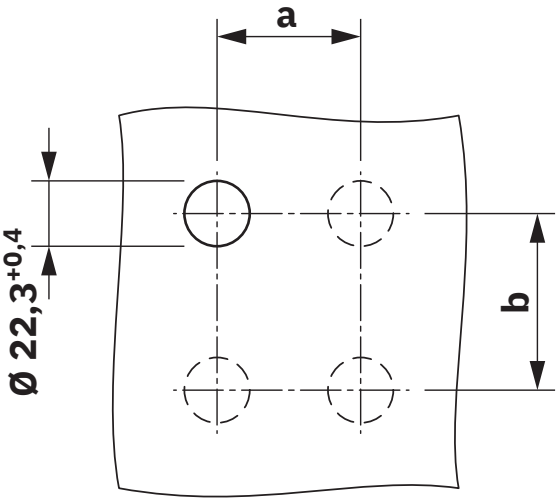


Circuit diagram



1 NC

Drilling plan/solder pad geometry



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1108298

cULus Listed
Approval ID: E172140

CCC
Approval ID: 2024010305697836

cULus Listed
Approval ID: E519465

TÜV Rheinland
Approval ID: R CN2164OX 001

Classifications

ECLASS

ECLASS-13.0	27371228
ECLASS-15.0	27371228

ETIM

ETIM 10.0	EC001028

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 2026 © - 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