

# PSR-ESS-ACC-CB1-I-SC - Contact module



1221748

<https://www.phoenixcontact.com/us/products/1221748>

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.

Lighting module for modular emergency stop switches, suitable for PSR-ESS-M0-H120 actuator



## 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
- Increased occupational safety with emergency stop switch lighting

## Commercial data

Item number	1221748
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN04
Product key	DNA62Z
GTIN	4063151310578
Weight per piece (including packing)	24.4 g
Weight per piece (excluding packing)	20.3 g
Customs tariff number	85365080
Country of origin	DE

# PSR-ESS-ACC-CB1-I-SC - Contact module



1221748

<https://www.phoenixcontact.com/us/products/1221748>

## Technical data

### Notes

#### Note on application

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

### Product properties

Product type	Contact module
Product family	Modular emergency stop switches
Application	Lighting

#### Insulation characteristics

Protection class	II
------------------	----

### Connection data

#### Conductor connection

Connection method	Screw connection
Note regarding the connection technology	2 conductors possible per terminal point, with one conductor on each side of the screw Connecting litz wire to the lamp in the actuator: 10 cm, 0.25 mm <sup>2</sup>
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross-section with ferrule	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	20 ... 14 (rigid and flexible conductors without ferrules) 23 ... 14 (flexible conductors with ferrules)
Stripping length	8 mm ... 9 mm
Tightening torque	0.8 Nm ... 1 Nm

### Dimensions

Dimensional drawing	
Width	9.1 mm
Height	34.8 mm
Depth	37.5 mm

### Material specifications

Color (Housing)	white (RAL 9010)
Flammability rating according to UL 94	V0
Housing material	PA

### Environmental and real-life conditions

# PSR-ESS-ACC-CB1-I-SC - Contact module



1221748

<https://www.phoenixcontact.com/us/products/1221748>

## Ambient conditions

Degree of protection	IP20
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

## Mounting

Mounting type	Plug-in mounting
Mounting position	any

# PSR-ESS-ACC-CB1-I-SC - Contact module

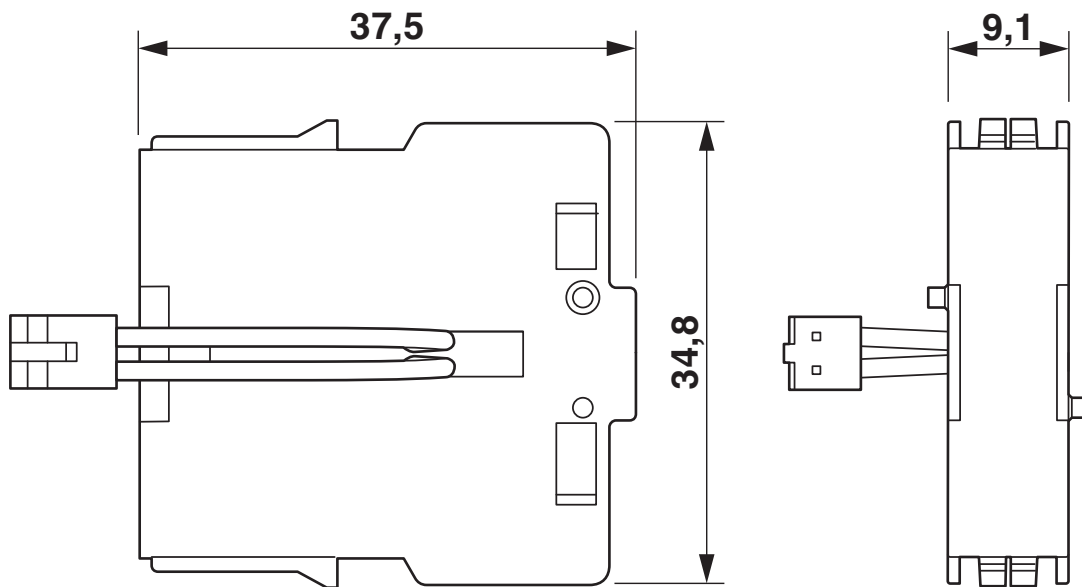


1221748

<https://www.phoenixcontact.com/us/products/1221748>

## Drawings

Dimensional drawing




Dimensions (in mm)

1221748


<https://www.phoenixcontact.com/us/products/1221748>


## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1221748>

 **UL Listed**  
Approval ID: E140324

 **cUL Listed**  
Approval ID: E140324

 **Functional Safety**  
Approval ID: B 029429 0031 Rev01

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

# PSR-ESS-ACC-CB1-I-SC - Contact module



1221748

<https://www.phoenixcontact.com/us/products/1221748>

## Classifications

### ECLASS

ECLASS-13.0	27371302
ECLASS-15.0	27371302

### ETIM

ETIM 10.0	EC000041
-----------	----------

### UNSPSC

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

1221748

<https://www.phoenixcontact.com/us/products/1221748>

## 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	1.617 kg CO2e
---------	---------------

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](mailto:info@phoenixcon.com)