

Contact Block SM 1NC (+1NO)

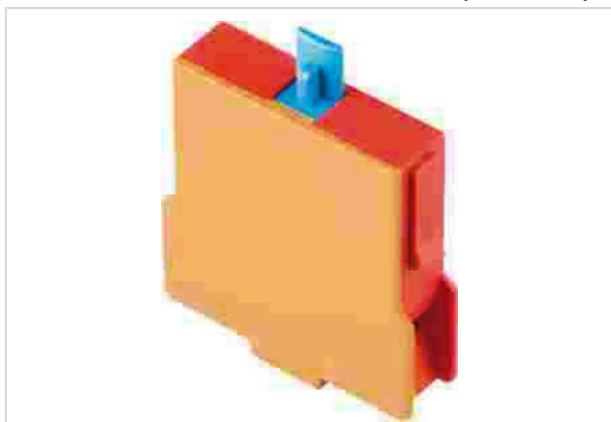


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 45 453 0300 |
| Specification | Contact Block SM 1NC (+1NO) |
| HARTING eCatalogue | https://harting.com/09454530300 |

Identification

| | |
|---------------|--|
| Category | Operator interfaces |
| Element | Contact block |
| Specification | Self-monitoring emergency stop |
| Features | 100,000 switching cycles at nominal load Positive opening according to EN 60947-5-1 |

Version

| | |
|--------------------|-------------------|
| Termination method | Screw termination |
| Number of contacts | 2 |

Technical characteristics

| | |
|---------------------------------------|---------------------------------|
| Conductor cross-section | 0.5 ... 2.5 mm ² |
| Actuation path | 6 mm |
| Rated current | ≥0.001 A |
| Rated current | under laboratory conditions |
| Rated voltage | ≥5 V |
| Rated impulse voltage | 2.5 kV |
| Conditional short-circuit current | 1,000 A |
| Short-circuit device (recommendation) | SCPD 16 A, Char. C |
| Overvoltage category | III (protection by low voltage) |
| Contact resistance | <100 mΩ |
| Stripping length | 9 mm |
| Tightening torque | 0.8 ... 1 Nm Screw terminal |



Pushing Performance
Since 1945

Technical characteristics

| | |
|--|----------------------------------|
| Operating temperature | -30 ... +85 °C Without light |
| | -30 ... +65 °C with LED lighting |
| Storage temperature | -50 ... +85 °C |
| Degree of protection acc. to IEC 60529 | IP20 |
| Bounce time | <10 ms |
| Utilisation category (AC) | AC15 |
| Rated operating voltage Ue (AC) | 240 V |
| Rated operating current Ie (AC) | 3 A |
| Continuous thermal current (AC) | 16 A |
| Utilisation category (DC) | DC13 |
| Rated operating voltage Ue (DC) | 24 V |
| | 60 V |
| | 125 V |
| | 250 V |
| Rated operating current Ie (DC) | 2 A |
| | 1 A |
| | 0.4 A |
| | 0.2 A |

Material properties

| | |
|--------------------------------------|----------------------|
| Colour (insert) | Red |
| | Brown |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Ag over Ni |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Not contained |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) |
| | R23 (HL 1-3) |

Specifications and approvals

| | |
|----------------|--------------|
| Specifications | EN 60947-5-1 |
|----------------|--------------|



Pushing Performance
Since 1945

Specifications and approvals

| | |
|----------|--|
| UL / CSA | UL 60947-5-1 NKCR.E534795 |
| | CSA C22.2 No. 60947-5-1:22 NKCR7.E534795 |
| | UL 60947-1 NKCR.E534795 |
| | CSA C22.2 No. 60947-1:22 NKCR7.E534795 |

Commercial data

| | |
|--------------------------------|---------------------------------|
| Packaging size | 20 |
| Net weight | 13.75 g |
| Country of origin | Germany |
| European customs tariff number | 85365080 |
| GTIN | 5713140450257 |
| eCl@ss | 27371302 Auxiliary switch block |
| ETIM | EC000041 |
| UNSPSC 24.0 | 39122221 |