



Pushing Performance
Since 1945

Contact Block SM 1NC (+1NO)

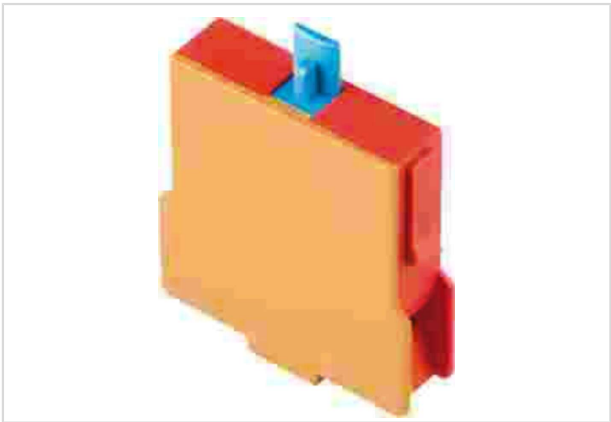


Image is for illustration purposes only. Please refer to product description.

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



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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 U _e (AC)	240 V
Rated operating current I _e (AC)	3 A
Continuous thermal current (AC)	16 A
Utilisation category (DC)	DC13
Rated operating voltage U _e (DC)	24 V
	60 V
	125 V
	250 V
Rated operating current I _e (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
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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	5713140450264
eCl@ss	27371302 Auxiliary switch block
ETIM	EC000041
UNSPSC 24.0	39122221