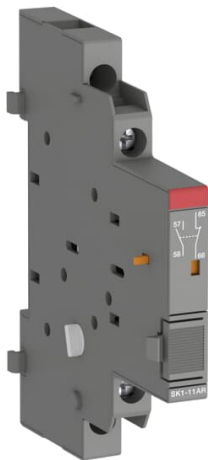




PRODUCT-DETAILS

SK1-20AR

SK1-20AR Signaling Contact, 2NO with screw terminals



General Information	
Extended Product Type	SK1-20AR
Product ID	1SAM201903R1005
EAN	4013614561245
Catalog Description	SK1-20AR Signaling Contact, 2NO with screw terminals
Long Description	Signaling contacts SK1-AR with screw terminals signal the tripping of the manual motor starter.
	For SK1-AR a red flag in a window on the front of the device indicates the tripping event. The contact positions of SK1-AR don't need to be manually reset after a tripping. They are reset to their original position when the manual motor starter is switched back on. The SK1-AR signaling contacts signal tripping regardless if it was caused by short-circuit, overload or electrical release (AA1 or UA1). They are attached on the right side of the manual motor starter. Signaling contacts SK1-AR are available as normally open or normally closed contacts.

Ordering	
Minimum Order Quantity	2 piece
Customs Tariff Number	85365080

Popular Downloads	
Instructions and Manuals	2CDC131011M6802
	2CDC131034M6801
	2CDC131022M6802
	2CDC131120M6801
	2CDC131081M6801
	2CDC131082M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions	
Product Net Width	9 mm
Product Net Height	90 mm
Product Net Depth / Length	78.5 mm
Product Net Weight	0.036 kg

Technical	
Terminal Type	Screw Terminals
Rated Operational Voltage	690 V AC
	600 V DC
	Main Circuit 690 V
Rated Operational Current AC-15 (I _e)	(24 V) 6 A
	(240 V) 4 A
	(690 V) 1 A
	(380 / 400 V) 3 A
Rated Operational Current DC-13 (I _e)	(24 V) 2 A
	(125 V) 0.55 A
	(250 V) 0.27 A
	(440 V) 0.15 A
	(600 V) 0.15 A
Rated Impulse Withstand Voltage (U _{imp})	Auxiliary Circuit 6 kV
Rated Insulation Voltage (U _i)	690 V
Degree of Protection	IP20
Electrical Durability	10000 cycle
Mechanical Durability	10000 cycle
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 1.5 mm ²
	Flexible with Insulated Ferrule 1/2x 0.75 ... 1.5 mm ²
	Flexible 1/2x 0.75 ... 1.5 mm ²
	Rigid 1/2x 1 ... 1.5 mm ²
Tightening Torque	Auxiliary Circuit 0.8 ... 1.2 N·m
Wire Stripping Length	Auxiliary Circuit 8 mm
Recommended Screw Driver	M3
	Pozidriv 2
Number of Auxiliary Contacts NO	2
Number of Auxiliary Contacts NC	0
Standards	CSA 22.2 No. 14
	IEC/EN 60947-1
	IEC/EN 60947-5-1
	UL 508
	UL 60947-1
Product Name	UL 60947-4-1
	Signaling Contact

Suitable For	MS116 MS132 MO132 MS165 MO165
Suitable for Product Class	Manual Motor Starter
Accessory Group	Electrical
Accessory Type	Signal Contact

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Connecting Capacity	Flexible 1/2x 16-14 AWG
Auxiliary Circuit UL/CSA	Stranded 1/2x 16-14 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 7 in·lb
Contact Rating UL/CSA	B600 Q600

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -50 ... +80 °C
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 25g
Resistance to Vibrations	5g 3 ... 150 Hz

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SAA963005-4502
RoHS Information	1SAA963006-4502
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006539
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

CB Certificate	1SAA963004-2002
Declaration of Conformity - CE	1SAD101100-3410
Declaration of Conformity - UKCA	1SAD201100-3410

Container Information

Package Level 1 Width	25 mm
Package Level 1 Depth / Length	80 mm
Package Level 1 Height	93 mm

Package Level 1 Gross Weight	0.082 kg
Package Level 1 EAN	4013614561252
Package Level 1 Units	box 2 piece
Package Level 2 Width	280 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 Gross Weight	6.15 kg
Package Level 2 EAN	4013614561269
Package Level 2 Units	carton 160 piece

Classifications

Object Classification Code	Q
ETIM 5	EC000041 - Auxiliary contact block
ETIM 6	EC000041 - Auxiliary contact block
ETIM 7	EC000041 - Auxiliary contact block
ETIM 8	EC000041 - Auxiliary contact block
eClass	V11.0 : 27371302
UNSPSC	39121522
IDEA Granular Category Code (IGCC)	4742 >> Electrical contacts

Categories

Low Voltage Products and Systems → Circuit Breakers → Manual Motor Starters

Low Voltage Products and Systems → Control Products → Manual Motor Starters → Manual Motor Starters

