



 PRODUCT-DETAILS

SK1-20

SK1-20 Signaling Contact 2 NO



General Information

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|-----------------------|-------------------------------|
| Extended Product Type | SK1-20 |
| Product ID | 1SAM201903R1002 |
| EAN | 4013614320408 |
| Catalog Description | SK1-20 Signaling Contact 2 NO |

Long Description

Signaling contacts SK1 with screw terminals signal the tripping of the manual motor starter. For SK1 the indication on the device itself is done with a protruding orange button. The contact positions of SK1 need to be manually reset after a tripping event by pushing the orange button. SK1 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 are available as normally open or normally closed contacts.

Ordering

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| Minimum Order Quantity | 2 piece |
| Customs Tariff Number | 85365080 |

Popular Downloads

| | |
|-----------------------|-----------------|
| Data Sheet, Technical | 1SBC100214C0202 |
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Information

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| Instructions and Manuals | 2CDC131011M6802 2CDC131034M6801 2CDC131022M6802 2CDC131120M6801 2CDC131081M6801 2CDC131082M6801 |
| Instructions and Manuals (Part 3) | 1SBC100214C0202 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

Dimensions

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| Product Net Width | 9 mm |
| Product Net Height | 90 mm |
| Product Net Depth / Length | 78.5 mm |
| Product Net Weight | 0.035 kg |

Technical

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| Terminal Type | Screw Terminals |
| Rated Operational Voltage | 690 V AC 600 V DC Main Circuit 690 V |
| Rated Operational Current AC-15 (I_{θ}) | (24 V) 6 A (240 V) 4 A (690 V) 1 A (380 / 400 V) 3 A |
| Rated Operational Current DC-13 (I_{θ}) | (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 | 100000 cycle |
| Mechanical Durability | 100000 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 UL 60947-4-1 |
| Product Name | Signaling Contact |
| Suitable For | MS116 MS132 MO132 MS165 MO165 |

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| Suitable for Product Class | Manual Motor Starter |
| Accessory Group | Electrical |
| Accessory Type | Signal Contact |

Technical UL/CSA

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

Environmental

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| 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

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| 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

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|----------------------------------|------------------------------------|
| ABS Certificate | 1SAA963001-0101 |
| BV Certificate | 1SAA963002-0201 |
| CB Certificate | 1SAA963004-2002 |
| CQC Certificate | CQC2017010304032778 |
| cUL Certificate | cUL E137861 |
| Declaration of Conformity - CCC | 2020980304001252 |
| Declaration of Conformity - CE | 1SAD101100-3410 |
| Declaration of Conformity - UKCA | 1SAD201100-3410 |
| DNV GL Certificate | 1SAA963001-0304 |
| LR Certificate | 1SAA963001-0502 1SAA918001-0501 |
| RINA Certificate | 1SAA963002-0802 |
| UL Certificate | UL E137861 |

Container Information

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|-------------------------|-------|
| Package Level 1 Width | 25 mm |
| Package Level 1 Depth / | 80 mm |

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|--------------------------------|------------------|
| Length | |
| Package Level 1 Height | 93 mm |
| Package Level 1 Gross Weight | 0.08 kg |
| Package Level 1 EAN | 4013614481505 |
| 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 | 4013614523632 |
| Package Level 2 Units | carton 160 piece |

Classifications

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| Object Classification Code | Q |
| ETIM 4 | EC002498 - Accessories for low-voltage switch technology |
| 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) | 4743 >> Auxiliary contact block |
| E-Number (Finland) | 3706021 |
| E-Number (Sweden) | 3112013 |

Categories

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

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

