

# SK1-20



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

## General Information

<b>Extended Product Type:</b>	SK1-20
<b>Product ID:</b>	1SAM201903R1002
<b>EAN:</b>	4013614320408
<b>Catalog Description:</b>	SK1-20 Signal Contact
<b>Long Description:</b>	SK1-20 Signal contact

## Ordering

<b>Minimum Order Quantity:</b>	2 piece
<b>Customs Tariff Number:</b>	85365080

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SBC100192C02--
<b>Instructions and Manuals:</b>	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802

## Dimensions

<b>Product Net Width:</b>	9 mm
<b>Product Net Height:</b>	90 mm
<b>Product Net Depth / Length:</b>	78.5 mm
<b>Product Net Weight:</b>	0.035 kg

## Technical

<b>Terminal Type:</b>	Screw Terminals
<b>Rated Operational Voltage:</b>	690 V AC 600 V DC Main Circuit 690 V
<b>Rated Operational Current AC-15 (I<sub>e</sub>):</b>	(240 V) 4 A (24 V) 6 A (380 / 400 V) 3 A (690 V) 1 A
<b>Rated Operational Current DC-13 (I<sub>e</sub>):</b>	(125 V) 0.55 A (24 V) 2 A (250 V) 0.27 A (440 V) 0.15 A (600 V) 0.15 A

<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Auxiliary Circuit 6 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	690 V
<b>Degree of Protection:</b>	IP20
<b>Electrical Durability:</b>	100000 cycle
<b>Mechanical Durability:</b>	100000 cycle
<b>Connecting Capacity Auxiliary Circuit:</b>	Flexible with Ferrule 1/2x 0.75 ... 1.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 0.75 ... 1.5 mm <sup>2</sup> Flexible 1/2x 0.75 ... 1.5 mm <sup>2</sup> Rigid 1/2x 1 ... 1.5 mm <sup>2</sup>
<b>Tightening Torque:</b>	Auxiliary Circuit 0.8 ... 1.2 N·m
<b>Wire Stripping Length:</b>	Auxiliary Circuit 8 mm
<b>Recommended Screw Driver:</b>	M3 Pozidriv 2
<b>Number of Auxiliary Contacts NO:</b>	2
<b>Number of Auxiliary Contacts NC:</b>	0
<b>Standards:</b>	IEC/EN 60947-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1 UL 508 CSA 22.2 No. 14
<b>Product Name:</b>	Signal Contact
<b>Suitable For:</b>	MS116 MS132 MO132 MS165 MO165
<b>Suitable for Product Class:</b>	Manual Motor Starter
<b>Accessory Group:</b>	Electrical
<b>Accessory Type:</b>	Signal Contact

## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +60 °C Storage -50 ... +80 °C
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 600 V AC
<b>Connecting Capacity Auxiliary Circuit UL/CSA:</b>	Flexible 1/2x 16-14 AWG Stranded 1/2x 16-14 AWG
<b>Tightening Torque UL/CSA:</b>	Auxiliary Circuit 7 in·lb

Contact Rating UL/CSA: B600  
Q600

## Certificates and Declarations (Document Number)

ABS Certificate:	1SAA963001-0101
BV Certificate:	1SAA963002-0201
CB Certificate:	1SAA963001-2002
CCC Certificate:	1SAA963003-3802
cUL Certificate:	cUL_E137861
Declaration of Conformity - CE:	1SAD938500-0198 1SAD938500-0197 1SAD938510-0125 1SAD938502-0190 1SAD938501-0191 1SAD938502-0188
DNV GL Certificate:	1SAA963001-0304
GOST Certificate:	1SAA937000-2703
Instructions and Manuals:	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802
LR Certificate:	1SAA963001-0502 1SAA918001-0501
RINA Certificate:	1SAA963000-0802
RoHS Information:	1SAA963001-4407
UL Certificate:	UL_E137861

## 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:	0.08 kg
Package Level 1 EAN:	4013614481505
Package Level 1 Units:	2 piece
Package Level 2 Width:	280 mm
Package Level 2 Depth / Length:	395 mm
Package Level 2 Height:	210 mm
Package Level 2 EAN:	4013614523632

## Classifications

E-nummer:	3112013
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

**eClass:** 7.0 27371302

**UNSPSC:** 39121521

