



PRODUCT-DETAILS**HK1-20****HK1-20 Aux.-contact 2 NO**

General Information

Extended Product Type:	HK1-20
Product ID:	1SAM201902R1002
EAN:	4013614320378
Catalog Description:	HK1-20 Aux.-contact 2 NO
Long Description:	Auxiliary contacts HK1 change position with the main contacts of the manual motor starter. They are mounted laterally on the right side of manual motor starters MS116, MS132 or MS165. Auxiliary contacts HK1 are available as normally open or normally closed contacts.
Display Name:	HK1-20

Ordering

Minimum Order Quantity:	2 piece
Customs Tariff Number:	85365080

Popular Downloads

Data Sheet, Technical Information:	1SBC100214C0202
Instructions and Manuals:	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802 2CDC131120M6801 2CDC131081M6801 2CDC131082M6801
Instructions and Manuals (Part 3):	1SBC100214C0202
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:	0.035 kg

Technical

Rated Operational Voltage:	690 V AC 600 V DC Main Circuit 690 V
Rated Impulse Withstand Voltage (Ui_{mp}):	Auxiliary Circuit 6 kV
Rated Insulation Voltage (Ui):	690 V
Number of Auxiliary Contacts NC:	0
Number of Auxiliary Contacts NO:	2
Degree of Protection:	IP20
Electrical Durability:	100000 cycle
Mechanical Durability:	Nr. Operations 100000 cycle
Terminal Type:	Screw Terminals
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
Mounting Position:	1 ... 6

Technical UL/CSA

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

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 Declaration: 1SAA963006-4501

RoHS Information: 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

A2L Certificate – IEC: 1SAA963000-4601

ABS Certificate: 1SAA963001-0101

BV Certificate: 1SAA963002-0201

CB Certificate: 1SAA963004-2002

CCC Certificate: 2024010305656671

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
1SAA963001-0501
1SAA963000-0505
1SAA918001-0501

RINA Certificate: 1SAA963002-0802

UL Certificate: UL_E137861

Container Information

Package Level 1 Units:	box 2 piece
Package Level 1 Width:	25 mm
Package Level 1 Depth / Length:	93 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	0.08 kg
Package Level 1 EAN:	4013614481468
Package Level 2 Units:	carton 160 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:	6.775 kg
Package Level 2 EAN:	4013614522789

External Classifications and Standards

Object Classification Code:	Q
ETIM 9:	EC000041 - Auxiliary contact block
ETIM 10:	EC000041 - Auxiliary contact block
eClass:	V11.0 : 27371302
UNSPSC:	39121522
IDEA Granular Category Code (IGCC):	4743 >> Auxiliary contact block
E-Number (Finland):	3706017
E-Number (Norway):	4364280
E-Number (Sweden):	3112007

Categories

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

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

