PRODUCT-DETAILS

HKF1-11

HKF1-11 Auxiliary Contact



General Information

Extended Product Type	HKF1-11
Product ID	1SAM201901R1001
EAN	4013614320354
Catalog Description	HKF1-11 Auxiliary Contact
Long Description	Auxiliary contacts HKF1 with screw terminals change position with the main contacts of the manual motor starter. They are mounted on the front side of manual motor starters MS116, MS132 or MS165. Auxiliary contacts HKF1 are available as normally open or normally closed contacts.

Ordering

Minimum Order Quantity	1 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

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Subject to change without notice

CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	45 mm
Product Net Height	12.5 mm
Product Net Depth / Length	26.5 mm
Product Net Weight	0.015 kg

Technical

Terminal Type	Screw Terminals
Rated Operational Voltage	250 V
Rated Operational Current AC-15 (I_e)	(24 V) 3 A (120 V) 3 A (240 V) 1.5 A
Rated Operational Current DC-13 (I_e)	(24 V) 1 A (125 V) 0.27 A (250 V) 0.11 A
Rated Frequency (f)	Auxiliary Circuit DC Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	Auxiliary Circuit 6 kV
Rated Insulation Voltage (U_i)	250 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 mm² Flexible with Insulated Ferrule 1/2x 0.75 ... 1.5 mm² Flexible 1/2x 0.75 ... 1.5 mm² Rigid 1/2x 1.0 ... 2.5 mm²
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	1
Number of Auxiliary Contacts NC	1
Standards	CSA 22.2 No. 14 IEC/EN 60947-1 IEC/EN 60947-5-1 UL 508 UL 60947-1 UL 60947-5-1
Product Name	Auxiliary Contact
Suitable For	MS116 MS132 MO132 MS165 MO165
Suitable for Product Class	Manual Motor Starter
Accessory Group	Electrical
Accessory Type	Auxiliary Contact

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 250 V AC
Connecting Capacity Auxiliary Circuit UL/CSA	Flexible 1/2x 16-14 AWG Stranded 1/2x 16-14 AWG

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Tightening Torque UL/CSA	Auxiliary Circuit 7 in·lb
Contact Rating UL/CSA	B300 R300

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -50 ... +80 °C
REACH Declaration	1SAA963005-4502
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 25g
Resistance to Vibrations acc. to IEC 60068-2-6	5g / 3 ... 150 Hz
RoHS Information	1SAA963006-4502
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Certificates and Declarations

ABS Certificate	1SAA963001-0101
BV Certificate	1SAA963002-0201
CB Certificate	1SAA963003-2002
CQC Certificate	CQC2017010304032779
cUL Certificate	cUL_E137861
Declaration of Conformity - CCC	2020980304001251
Declaration of Conformity - CE	1SAD101100-3410
Declaration of Conformity - UKCA	1SAD201100-3410
DNV GL Certificate	1SAA963001-0304
EAC Certificate	1SAA963000-2701
LR Certificate	1SAA963001-0501 1SAA963001-0502 1SAA963000-0505
RINA Certificate	1SAA963002-0802
UL Certificate	UL_E137861

Container Information

Package Level 1 Width	148 mm
Package Level 1 Depth / Length	36 mm
Package Level 1 Height	50 mm
Package Level 1 Gross Weight	0.195 kg
Package Level 1 EAN	4013614481413
Package Level 1 Units	box 10 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	10.125 kg
Package Level 2 EAN	4013614522727
Package Level 2 Units	carton 500 piece

Classifications

Object Classification Code	Q
ETIM 4	EC002498 - Accessories for low-voltage switch technology

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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)	3706015
E-Number (Sweden)	3112001

Categories

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



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