

# 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	HKF1-11 Aux.-contact for frontmounting

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

### Popular Downloads

Data Sheet, Technical Information	1SBC100192C02--
Instructions and Manuals	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802

### 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 ( $I_{th}$ )	(120 V) 3 A (240 V) 1.5 A (24 V) 3 A
Rated Operational Current DC-13 ( $I_{th}$ )	(125 V) 0.27 A (24 V) 1 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
Connecting Capacity Auxiliary Circuit	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 1.0 ... 2.5 mm <sup>2</sup>
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	IEC/EN 60947-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-5-1 UL 508 CSA 22.2 No. 14
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

## 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
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

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

## Certificates and Declarations (Document Number)

ABS Certificate	1SAA963001-0101
BV Certificate	1SAA963002-0201
CB Certificate	1SAA963003-2001
CCC Certificate	1SAA918002-3802
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
EAC Certificate	1SAA963000-2701
GOST Certificate	1SAA937000-2703
Instructions and Manuals	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802
LR Certificate	1SAA963001-0501 1SAA963001-0502 1SAA963000-0505
RINA Certificate	1SAA963000-0802
RoHS Information	1SAA963001-4407
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	10 piece
Package Level 2 Width	280 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 EAN	4013614522727

## Classifications

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
eClass	7.0 27371302
UNSPSC	39121521

## Where Used (as a spare part for "Products")

Identifier	Description	Quantity	Unit Of Measure
ACS 2000	No Description Available	1	piece
ACS 1000	No Description Available	1	piece
ACS 5000 Water Cooled	No Description Available	1	piece
ACS 6000	No Description Available	1	piece

## Product specific part data

Product	Category	Drive Part Category
ACS 2000	ACS2000	Switches, Relays, Contactors
ACS 1000	ACS1000	Switches, Relays, Contactors
ACS 5000 Water Cooled	ACS5000	Switches, Relays, Contactors
ACS 6000	ACS6000	Switches, Relays, Contactors

## Categories

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

Drives → Medium voltage AC drives → Industrial drives → ACS2000

Drives → Medium voltage AC drives → Special purpose drives → ACS1000

Drives → Medium voltage AC drives → Special purpose drives → ACS5000

Drives → Medium voltage AC drives → Special purpose drives → ACS6000

Water Utility Solutions → Desalination Plant → Electrical → Drive systems → Drives → Medium voltage AC drives → Industrial drives → ACS2000

Water Utility Solutions → Desalination Plant → Electrical → Drive systems → Drives → Medium voltage AC drives → Special purpose drives → ACS1000

Water Utility Solutions → Desalination Plant → Electrical → Drive systems → Drives → Medium voltage AC drives → Special purpose drives → ACS5000

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