PRODUCT-DETAILS

# HKF1-11K

## HKF1-11K Aux.-contact for frontmounting with Push-In terminals




### General Information

| | |
|---|---|
| Extended Product Type | HKF1-11K |
| Product ID | 1SAM201901R1201 |
| EAN | 4013614523267 |
| Catalog Description | HKF1-11K Aux.-contact for frontmounting with Push-In terminals |
| Long Description | Auxiliary contacts HKF1-K with Push-in Spring 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-K are available as normally open or normally closed contacts and provide easy and fast connection by tool-free wiring thanks to the innovative Push-in Spring technology. |

### Ordering

| | |
|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |

### Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SBC100212C0201 |
| Instructions and Manuals | 2CDC131120M6801 |

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| | |
|---|---|
| CAD Dimensional Drawing | 2CDC001079B0201 |
| Marketing Video | 2CDC131130V0201 |

## Dimensions

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|---|---|
| Product Net Width | 45 mm |
| Product Net Height | 12.5 mm |
| Product Net Depth / Length | 27.5 mm |
| Product Net Weight | 0.016 kg |

## Technical

| | |
|---|---|
| Terminal Type | Push-in Spring Terminals |
| Rated Operational Voltage | 250 V |
| Rated Operational Current AC-15 ($I_e$) | (24 V) 3 A<br>(120 V) 3 A<br>(240 V) 1.5 A |
| Rated Operational Current DC-13 ($I_e$) | (24 V) 1 A<br>(125 V) 0.27 A<br>(250 V) 0.11 A |
| Rated Frequency (f) | Auxiliary Circuit DC<br>Auxiliary Circuit 50 Hz<br>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 0.5 ... 2.5 mm²<br>Flexible with Insulated Ferrule 1/2x 0.5 ... 1.5 mm²<br>Flexible 1/2x 0.5 ... 2.5 mm²<br>Rigid 1/2x 0.5 ... 2.5 mm² |
| Wire Stripping Length | Auxiliary Circuit 10 mm |
| Recommended Screw Driver | M3 |
| Number of Auxiliary Contacts NO | 1 |
| Number of Auxiliary Contacts NC | 1 |
| Standards | CSA 22.2 No. 14<br>IEC/EN 60947-1<br>IEC/EN 60947-5-1<br>UL 508<br>UL 60947-1<br>UL 60947-5-1 |
| Product Name | Auxiliary Contact |
| Suitable For | MS116<br>MS132<br>MO132<br>MS165<br>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 |

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| | |
|---|---|
| Connecting Capacity Auxiliary Circuit UL/CSA | Rigid 1/2x 20-14 AWG<br>Stranded 1/2x 20-14 AWG |
| Contact Rating UL/CSA | B300<br>R300 |

## Environmental

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|---|---|
| Ambient Air Temperature | Operation -25 ... +60 °C<br>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

| | |
|---|---|
| ABS Certificate | 1SAA963001-0101 |
| CB Certificate | 1SAA963003-2002 |
| CQC Certificate | CQC2017010304032779 |
| Declaration of Conformity - CCC | 2020980304001251 |
| Declaration of Conformity - CE | 1SAD101100-3410 |
| Declaration of Conformity - UKCA | 1SAD201100-3410 |
| RINA Certificate | 1SAA963002-0802 |

## Container Information

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|---|---|
| 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 | 4013614523274 |
| 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 | 9.76 kg |
| Package Level 2 EAN | 4013614523281 |
| Package Level 2 Units | 500 piece |

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## Classifications

| | |
|---|---|
| Object Classification Code | Q |
| 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) | 3707822 |
| E-Number (Sweden) | 3110464 |

## Categories

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




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