

## PRODUCT-DETAILS

# HKF-20

## HKF-20 Auxiliary Contact



### General Information

|                       |                          |
|-----------------------|--------------------------|
| Extended Product Type | HKF-20                   |
| Product ID            | 1SAM101928R0002          |
| EAN                   | 4013614302244            |
| Catalog Description   | HKF-20 Auxiliary Contact |
| Long Description      | f                        |

### Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85369095 |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SBC100173C0201 |
| Instructions and Manuals          | 2CDC131089M6801 |

### Dimensions

|                     |         |
|---------------------|---------|
| Product Net Width   | 54 mm   |
| Product Net Height  | 10.5 mm |
| Product Net Depth / | 16 mm   |

Length

|                    |         |
|--------------------|---------|
| Product Net Weight | 0.02 kg |
|--------------------|---------|

## Technical

|                                                   |                                                                                                                                                                                                                    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Terminal Type                                     | Screw Terminals                                                                                                                                                                                                    |
| Rated Operational Voltage                         | 400 V AC<br>250 V DC<br>Main Circuit 400 V AC                                                                                                                                                                      |
| Rated Operational Current AC-15 (I <sub>e</sub> ) | (24 V) 4 A<br>(120 V) 3 A<br>(240 V) 2 A<br>(500 V) 1 A<br>(380 / 400 V) 1 A                                                                                                                                       |
| Rated Operational Current DC-13 (I <sub>e</sub> ) | (24 V) 2 A<br>(125 V) 0.55 A<br>(250 V) 0.27 A                                                                                                                                                                     |
| Rated Frequency (f)                               | Auxiliary Circuit 50 Hz<br>Auxiliary Circuit 60 Hz<br>Auxiliary Circuit DC                                                                                                                                         |
| Rated Insulation Voltage (U <sub>i</sub> )        | 500 V                                                                                                                                                                                                              |
| Connecting Capacity Auxiliary Circuit             | Flexible with Ferrule 1/2x 0.75 ... 1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible 1/2x 0.75 ... 1 mm <sup>2</sup><br>Rigid 1/2x 1.0 ... 2.5 mm <sup>2</sup> |
| Tightening Torque                                 | Auxiliary Circuit 0.8 ... 1.0 N·m                                                                                                                                                                                  |
| Wire Stripping Length                             | Auxiliary Circuit 8 mm                                                                                                                                                                                             |
| Recommended Screw Driver                          | Pozidriv 2                                                                                                                                                                                                         |
| Number of Auxiliary Contacts NO                   | 2                                                                                                                                                                                                                  |
| Number of Auxiliary Contacts NC                   | 0                                                                                                                                                                                                                  |
| Standards                                         | IEC/EN 60947-1<br>IEC/EN 60947-4-1<br>IEC/EN 60947-5-1<br>UL 60947-1<br>UL 60947-4-1                                                                                                                               |
| Product Name                                      | Auxiliary Contact                                                                                                                                                                                                  |
| Suitable For                                      | MS325<br>MO325                                                                                                                                                                                                     |
| Suitable for Product Class                        | Manual Motor Starter                                                                                                                                                                                               |
| Accessory Group                                   | Electrical                                                                                                                                                                                                         |
| Accessory Type                                    | Auxiliary Contact                                                                                                                                                                                                  |

## Technical UL/CSA

|                                              |                                                   |
|----------------------------------------------|---------------------------------------------------|
| Connecting Capacity Auxiliary Circuit UL/CSA | Flexible 1/2x 14-8 AWG<br>Stranded 1/2x 14-18 AWG |
| Tightening Torque UL/CSA                     | Auxiliary Circuit 7 in·lb                         |
| Contact Rating UL/CSA                        | B300<br>Q300                                      |

## Environmental

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Ambient Air Temperature | Operation -25 ... +50 °C<br>Storage -50 ... +80 °C |
| RoHS Status             | Following EU Directive 2011/65/EU                  |

## Certificates and Declarations (Document Number)

|                                     |                                    |
|-------------------------------------|------------------------------------|
| CQC Certificate                     | CQC2011010304508193                |
| cUL Certificate                     | 1SAA918002-1701                    |
| Declaration of<br>Conformity - CCC  | 2020980305001261                   |
| Declaration of<br>Conformity - CE   | 1SAD938517-0003<br>1SAD938510-0037 |
| Declaration of<br>Conformity - UKCA | 1SAD938500-1003;1SAD938500-1037    |
| GOST Certificate                    | 1SAA918000-2703                    |
| Instructions and<br>Manuals         | 2CDC131089M6801                    |
| RoHS Information                    | 1SAD938517-0003<br>1SAD938510-0037 |
| UL Certificate                      | 1SAA918002-1601                    |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Width             | 220 mm        |
| Package Level 1 Depth /<br>Length | 110 mm        |
| Package Level 1 Height            | 195 mm        |
| Package Level 1 Gross<br>Weight   | 1.38 kg       |
| Package Level 1 EAN               | 4013614441721 |
| Package Level 1 Units             | 10 piece      |

## Classifications

|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| Object Classification<br>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                                | V11.0 : 27371302                                         |
| UNSPSC                                | 39121522                                                 |
| IDEA Granular Category<br>Code (IGCC) | 4742 >> Electrical contacts                              |
| E-Number (Finland)                    | 3707093                                                  |

## Categories

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

