

PRODUCT-DETAILS

S802HV-K32

S802HV-K32 High Performance MCB



General Information

| | |
|-----------------------|---------------------------------|
| Extended Product Type | S802HV-K32 |
| Product ID | 2CCF019026R0001 |
| EAN | 7612271436759 |
| Catalog Description | S802HV-K32 High Performance MCB |

Long Description

The S802HV-K32 is a 2-pole High Performance Circuit breaker with K-characteristic, with cage terminal, long separating plates and a rated current of 32 A. It is a current limiting device with a maximum breaking capacity of 4kA at 580/1000V. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802HV-K32 complies with IEC/EN 60947-2 and allows the use for industrial applications. It can be used worldwide. The extensive range of accessory makes the use of S802HV-K32 more comfortable. Due to the fast arc extinction of S802HV-K32 your application will be secured.

Technical

| | |
|---------------------------|---|
| Standards | IEC/EN 60947-2 |
| Number of Poles | 2 |
| Number of Protected Poles | 2 |
| Tripping Characteristic | K |
| Rated Current (I_n) | 32 A |
| Rated Operational Voltage | 580/1000 V AC |
| Power Loss | 6.4 W at Rated Operating Conditions per Pole 3.2 W |

| | |
|---|--|
| Rated Insulation Voltage (U _i) | 1000 V AC |
| Rated Frequency (f) | 50...60 Hz |
| Rated Short-Circuit Capacity (I _{cn}) | (400 V) 2.5 kA (230 V) 2.5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (580 / 1000 V AC) 4 kA |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | (580 / 1000 V AC) 2.5 kA |
| Energy Limiting Class | 3 |
| Overvoltage Category | III |
| Pollution Degree | 2 |
| Rated Impulse Withstand Voltage (U _{imp}) | 8 kV |
| Housing Material | Insulation group I, RAL 7035 |
| Actuator Marking | I / O |
| Contact Position Indication | ON / OFF / TRIP |
| Degree of Protection | IP20 |
| Remarks | Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw |
| Terminal Type | Screw Terminals |
| Connecting Capacity | Rigid 0 ... 50 mm ² Flexible 0 ... 70 mm ² |
| Tightening Torque | 3.5 N·m |
| Recommended Screw Driver | Pozidriv 2 |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position | Any |
| Built-In Depth (t ₂) | 82.5 mm |

Environmental

| | |
|--|---|
| Ambient Air Temperature | Operation -25...60 °C |
| Resistance to Shock acc. to IEC 60068-2-27 | 5 g 30 ms |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x 1e |
| Environmental Conditions | Damp Heat Cyclic acc. to IEC 60068-2-30 12+12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96% Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100% Dry Heat Test B acc. to IEC 60068-2-2 16 hour @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hour @ 70 °C |
| RoHS Status | Following EU Directive 2011/65/EU |

Dimensions

| | |
|----------------------------|---------|
| Product Net Width | 54 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Height | 142 mm |
| Product Net Weight | 490 g |

Container Information

| | |
|-----------------------|-------------|
| Package Level 1 Units | box 1 piece |
|-----------------------|-------------|

| | |
|--------------------------------|---------------|
| Package Level 1 Width | 152 mm |
| Package Level 1 Depth / Length | 60 mm |
| Package Level 1 Height | 99 mm |
| Package Level 1 Gross Weight | 580 g |
| Package Level 1 EAN | 7612271436759 |

Ordering

| | |
|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362020 |

Certificates and Declarations (Document Number)

| | |
|--------------------------------|------------------------------------|
| Declaration of Conformity - CE | 2CCC413009D0201 |
| Environmental Information | 2CCY413207D0203 |
| Instructions and Manuals | 2CCC413016M0008 |
| RoHS Information | 2CCC413009D0201 9AKK107680A3903 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CCC413003C0208 |
| Instructions and Manuals | 2CCC413016M0008 |

Classifications

| | |
|----------------------------|--|
| Object Classification Code | F |
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs

