

PRODUCT-DETAILS

S803U-K20

S803U-K20 High Performance MCB



General Information

| | |
|-----------------------|---|
| Extended Product Type | S803U-K20 |
| Product ID | 2CCS863017R0487 |
| EAN | 7612271214104 |
| Catalog Description | S803U-K20 High Performance MCB |
| Long Description | S803U-K20 3 Pole K Characteristic 20A 50kA 240/415VAC High Performance Circuit Breaker HPCB |

Technical

| | |
|---|--|
| Standards | IEC/EN 60947-2 UL 489 |
| Number of Poles | 3 |
| Number of Protected Poles | 3 |
| Tripping Characteristic | K |
| Rated Current (I_n) | 20 |
| Rated Operational Voltage | 240 V AC |
| Power Loss | 3.5 W at Rated Operating Conditions per Pole 1.17 W |
| Rated Insulation Voltage (U_i) | 690 V |
| Rated Short-Circuit Capacity (I_{cn}) | (400 V) 40 kA (230 V) 40 kA |
| Rated Ultimate Short-Circuit Breaking | (415 V AC) 50 kA |

| | |
|--|---|
| Capacity (I _{cu}) | (415 V AC) 40 kA |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | |
| Energy Limiting Class | 3 |
| Overvoltage Category | III |
| Pollution Degree | 2 |
| Rated Impulse Withstand Voltage (U _{imp}) | 8 kV |
| Actuator Marking | I / O |
| Contact Position Indication | ON / OFF / TRIP |
| Degree of Protection | IP20 |
| Connecting Capacity | Rigid 0 ... 50 mm ² Flexible 0 ... 70 mm ² |
| Built-In Depth (t ₂) | 82.5 mm |

Environmental

| | |
|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -25...60 °C |
| RoHS Status | Following EU Directive 2011/65/EU |

Technical UL/CSA

| | |
|-----------------------------------|------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 50 kA |
|-----------------------------------|------------------|

Dimensions

| | |
|----------------------------|---------|
| Product Net Width | 81 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Height | 95 mm |
| Product Net Weight | 735 g |

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 105 mm |
| Package Level 1 Depth / Length | 86 mm |
| Package Level 1 Height | 99 mm |
| Package Level 1 Gross Weight | 770 g |
| Package Level 1 EAN | 7612271214104 |

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 | 2CCC413015M0403 |
| RoHS Information | 2CCC413009D0201 9AKK107680A3903 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CCC413003C0208 |
| Instructions and Manuals | 2CCC413015M0403 |
| Dimension Diagram | 2CCC413003C0201 |

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

