



 PRODUCT-DETAILS

OSM100GB3M230C

OSM100GB3M230C MOTORIZED SWITCH FUSE



General Information

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|-----------------------|--|
| Extended Product Type | OSM100GB3M230C |
| Product ID | 1SCA116679R1001 |
| EAN | 6417019487755 |
| Catalog Description | OSM100GB3M230C MOTORIZED SWITCH FUSE |
| Long Description | Including a handle for manual operation, bolt kit with nut and washers for all terminals (100A...1250A), male connectors for control circuit and a handle and spare fuse storage clip. |

Circular Value

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|--------------------------------|---|
| Group Waste to Landfill Target | UL 2799 Zero Waste To Landfill Validation available |
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Environmental

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|---------------------------|-----------------|
| Environmental Information | 1SCC311002D0201 |
|---------------------------|-----------------|

Material Compliance

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|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

Ordering

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|------------------------|--------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |
| Country of Origin | Finland (FI) |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC311013C0201 |
| Instructions and Manuals | 1SCC311029M0203 |

Dimensions

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|----------------------------|--------|
| Product Net Width | 290 mm |
| Product Net Height | 206 mm |
| Product Net Depth / Length | 140 mm |
| Product Net Weight | 5.5 kg |

Technical

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|--|---|
| Rated Operational Current AC-21A (I_e) | (380 ... 415 V) 100 A (500 V AC) 100 A (690 V AC) 100 A |
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A |
| Rated Operational Power AC-23A (P_e) | (380 ... 415 V) 55 kW (500 V) 55 kW (690 V) 90 kW |
| Conventional Free-air Thermal Current (I_{th}) | $\Theta = 40\text{ °C}$ 100 A |
| Rated Impulse Withstand Voltage (U_{imp}) | 12 kV |
| Rated Insulation Voltage (U_i) | 1000 V |
| Rated Operational Voltage | Main Circuit 690 V AC |
| Rated Short-time | for 1 s 5 kiloampere rms |

| | |
|--|--|
| Withstand Current Low Voltage (I_{cw}) | |
| Rated Conditional Short-Circuit Current (I_{nc}) | (690 V) 80 kA |
| Motor Operational Voltage | 220 ... 240 V AC |
| Power Loss | at Rated Operating Conditions per Pole 9 W |
| Pollution Degree | 3 |
| Handle Type | Handle included for manual operation |
| Switches Operating Mechanism | 03 (Left Side) |
| Position of Line Terminals | Top In - Bottom Out, Bottom In - Top Out |
| Fuse Size | A2-A4 |
| Fuse System | British Standard |
| Operating Mode | Motor operated and manually from the front |
| Standards | IEC 60947-3 |
| Mounting Type | Base mounting |
| Number of Poles | 3 |
| Terminal Type | Lug terminals |
| Tightening Torque | 15 ... 22 N·m |
| Rated Current (I_n) | Main Circuit 100 A |

Technical UL/CSA

| | |
|-------------------|---------------|
| Tightening Torque | 15 ... 22 N·m |
|-------------------|---------------|

Certificates and Declarations

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|--------------------------------|-------------------------|
| A2L Certificate – IEC | 1SCC311209D0201 |
| ATEX Certificate | No certification needed |
| Declaration of Conformity - CE | No declaration needed |
| UL Certificate | No certification needed |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 215 mm |
| Package Level 1 Depth / Length | 215 mm |
| Package Level 1 Height | 395 mm |
| Package Level 1 Gross Weight | 6.45 kg |
| Package Level 1 EAN | 6417019487755 |

Classifications

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|----------------------------|-------------------------------------|
| Object Classification Code | Q |
| ETIM 8 | EC001040 - Fuse switch disconnecter |
| ETIM 9 | EC001040 - Fuse switch disconnecter |
| UNSPSC | 39122233 |
| IDEA Granular Category | 5291 >> Fuse switch disconnecter |

Code (IGCC)

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Motorized Switch Fuses

