
PRODUCT-DETAILS

OTM1000E3M230C

OTM1000E3M230C MOTORIZED SWITCH



General Information

| | |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTM1000E3M230C |
| Product ID | 1SCA115364R1001 |
| EAN | 6417019477343 |
| Catalog Description | OTM1000E3M230C MOTORIZED SWITCH |
| Long Description | 3-pole, motor operated, base mounted switch-disconnector with handle for manual operation, terminal bolt kit, handle and spare fuse storage clip and male connector for control circuit |

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 | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC303006M0205 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 506.5 mm |
| Product Net Height | 306 mm |
| Product Net Depth / Length | 153 mm |
| Product Net Weight | 25 kg |

Technical

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|-------------------------------------------------------|----------------------------------------------------------------------------------|
| Rated Operational Current AC-21A (I_e) | (380 ... 415 V) 1000 A (500 V) 1000 A (690 V) 1000 A (1000 V AC) 1000 A |
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 1000 A (500 V) 1000 A (690 V) 1000 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 1000 A (500 V) 1000 A (690 V) 1000 A |
| Rated Operational Power AC-23A (P_e) | (400 ... 415 V) 560 kW (500 V) 710 kW (690 V) 1000 kW |
| Conventional Free-air Thermal Current (I_{th}) | q = 40 °C 1000 A |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 1000 A |
| Rated Impulse Withstand Voltage (U_{imp}) | 12 kV |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 1000 V |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (690 V) 110 kA |
| Rated Short-time Withstand Current (I_{cw}) | for 1 s 50 kA |
| Motor Operational Voltage | 220 ... 240 V AC |
| Power Loss | at Rated Operating Conditions per Pole 19 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Type | Direct mounted handle |
| Switches Operating Mechanism | Mechanism at the End of the Switch |
| Distance Between Phases | Standard |
| Position of Line Terminals | Top In - Bottom Out |
| Operating Mode | Front operated |
| Standards | IEC 60947-3 |
| Special Functions | No |
| Mounting Type | Base mounting |
| Number of Poles | 3 |
| Degree of Protection | Front IP00 |
| Terminal Type | Lug terminals |

| | |
|-----------------------|------------------------------|
| Tightening Torque | acc. IEC 60947-1 50...75 N·m |
| Mechanical Durability | 6000 |
| Lock Type | Yes |

Environmental

| | |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

Certificates and Declarations (Document Number)

| | |
|--------------------------|-----------------|
| Instructions and Manuals | 1SCC303006M0205 |
| RoHS Information | 1SCC303036D0202 |

Container Information

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|--------------------------------|--------------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 407 mm 16.02 in |
| Package Level 1 Depth / Length | 619 mm 24.37 in |
| Package Level 1 Height | 190 mm 7.48 in |
| Package Level 1 Gross Weight | 27 kg 12 lb |
| Package Level 1 EAN | 6417019477343 |

Classifications

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|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q |
| ETIM 5 | EC000216 - Switch disconnecter |
| ETIM 6 | EC000216 - Switch disconnecter |
| ETIM 7 | EC000216 - Switch disconnecter |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Switches → Motorized Switch-Disconnectors

