PRODUCT-DETAILS

# OTM160E3M230C

# OTM160E3M230C MOTORIZED SWITCH



## General Information

| | |
|---|---|
| Extended Product Type | OTM160E3M230C |
| Product ID | 1SCA115283R1001 |
| EAN | 6417019476711 |
| Catalog Description | OTM160E3M230C MOTORIZED SWITCH |
| Long Description | 3-pole, motor operated, base mounted switch-diconnector with handle for manual operation, terminal bolt kit, handle and spare fuse storage clip and male connector for control circuit |

## Ordering

| | |
|---|---|
| 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 | 296 mm |
| Product Net Height | 150 mm |
| Product Net Depth / Length | 198 mm |
| Product Net Weight | 5.1 kg |

## Technical

| | |
|---|---|
| Rated Operational Current AC-21A ($I_e$) | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 160 A<br>(1000 V AC) 160 A |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 200 A<br>(500 V) 200 A<br>(690 V) 160 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 160 A<br>(500 V) 160 A<br>(690 V) 160 A |
| Rated Operational Power AC-23A ($P_e$) | (220 ... 240 V) 48 kW<br>(400 ... 415 V) 80 kW<br>(500 V) 112 kW<br>(690 V) 144 kW |
| Conventional Free-air Thermal Current ($I_{th}$) | q = 40 °C 200 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 160 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) 30 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 8 kA |
| Motor Operational Voltage | 220 ... 240 V AC |
| Power Loss | at Rated Operating Conditions per Pole 3.2 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Type | Direct mounted handle<br>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 | Screw Terminals |

| | |
|---|---|
| Tightening Torque | acc. IEC 60947-1 15 … 22 N·m |
| Mechanical Durability | 20000 |
| Lock Type | Yes |

## Environmental

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

## Certificates and Declarations (Document Number)

| | |
|---|---|
| Declaration of Conformity - CE | 1SCC301197D0202 |
| Instructions and Manuals | 1SCC303006M0205 |
| RoHS Information | 1SCC301197D2703 |

## Container Information

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|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 215 mm |
| Package Level 1 Depth / Length | 395 mm |
| Package Level 1 Height | 215 mm |
| Package Level 1 Gross Weight | 6 kg |
| Package Level 1 EAN | 6417019476711 |

## Classifications

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|---|---|
| Object Classification Code | Q |
| ETIM 5 | EC000216 - Switch disconnector |
| ETIM 6 | EC000216 - Switch disconnector |
| ETIM 7 | EC000216 - Switch disconnector |
| ETIM 8 | EC000216 - Switch disconnector |
| UNSPSC | 39122233 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3638140 |

## Categories

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

