

## PRODUCT-DETAILS

# OTM250E3M230C

## OTM250E3M230C MOTORIZED SWITCH



### General Information

|                       |                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTM250E3M230C                                                                                                                                                                             |
| Product ID            | 1SCA115285R1001                                                                                                                                                                           |
| EAN                   | 6417019476735                                                                                                                                                                             |
| Catalog Description   | OTM250E3M230C MOTORIZED SWITCH                                                                                                                                                            |
| Long Description      | 3-pole, motor operated, base mounted switch-d disconnecter 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

|                   |        |
|-------------------|--------|
| Product Net Width | 296 mm |
|-------------------|--------|

|                            |        |
|----------------------------|--------|
| Product Net Height         | 150 mm |
| Product Net Depth / Length | 181 mm |
| Product Net Weight         | 5.1 kg |

## Technical

|                                                       |                                                                                     |
|-------------------------------------------------------|-------------------------------------------------------------------------------------|
| Rated Operational Current<br>AC-21A ( $I_e$ )         | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A<br>(1000 V AC) 250 A        |
| Rated Operational Current<br>AC-22A ( $I_e$ )         | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                             |
| Rated Operational Current<br>AC-23A ( $I_e$ )         | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A                             |
| Rated Operational Power<br>AC-23A ( $P_e$ )           | (220 ... 240 V) 75 kW<br>(400 ... 415 V) 140 kW<br>(500 V) 170 kW<br>(690 V) 250 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | q = 40 °C 250 A                                                                     |
| Conventional Thermal<br>Current ( $I_{the}$ )         | Fully Enclosed 250 A                                                                |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )      | 12 kV                                                                               |
| Rated Insulation Voltage<br>( $U_i$ )                 | acc. to IEC/EN 60664-1 1000 V                                                       |
| Rated Operational Voltage                             | Main Circuit 1000 V                                                                 |
| Rated Short-Circuit<br>Making Capacity ( $I_{cm}$ )   | (690 V) 30 kA                                                                       |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )    | for 1 s 8 kA                                                                        |
| Motor Operational Voltage                             | 220 ... 240 V AC                                                                    |
| Power Loss                                            | at Rated Operating Conditions per Pole 6.5 W                                        |
| Pollution Degree                                      | 3                                                                                   |
| Handle Color                                          | Black                                                                               |
| Handle Type                                           | Direct mounted handle                                                               |
| Switches Operating<br>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 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<br>- CE               | 1SCC301197D0202 |
| Instructions and Manuals                        | 1SCC303006M0205 |
| RoHS Information                                | 1SCC303036D0202 |

| Container Information             |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 215 mm        |
| Package Level 1 Depth /<br>Length | 395 mm        |
| Package Level 1 Height            | 215 mm        |
| Package Level 1 Gross<br>Weight   | 6 kg          |
| Package Level 1 EAN               | 6417019476735 |

| Classifications            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification Code | Q                                                          |
| ETIM 5                     | EC000216 - Switch disconnecter                             |
| ETIM 6                     | EC000216 - Switch disconnecter                             |
| ETIM 7                     | EC000216 - Switch disconnecter                             |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

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

