

## PRODUCT-DETAILS

# OTM160E4CM110V

## OTM160E4CM110V MOTORIZED C/O SWITCH



### General Information

|                       |                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OTM160E4CM110V                                                                                                                                                                            |
| Product ID            | 1SCA022846R1080                                                                                                                                                                           |
| EAN                   | 6417019296784                                                                                                                                                                             |
| Catalog Description   | OTM160E4CM110V MOTORIZED C/O SWITCH                                                                                                                                                       |
| Long Description      | Including a handle for manual operation, bolt kit with nut and washers for all terminals and male connectors for control circuits. Include a storage clip for the handle and spare fuses. |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC303003C0201 |
| Instructions and Manuals          | 1SCC303002M0204 |

### Dimensions

|                   |        |
|-------------------|--------|
| Product Net Width | 307 mm |
|-------------------|--------|

|                            |        |
|----------------------------|--------|
| Product Net Height         | 150 mm |
| Product Net Depth / Length | 197 mm |
| Product Net Weight         | 5 kg   |

## Technical

|                                                    |                                                           |
|----------------------------------------------------|-----------------------------------------------------------|
| Rated Operational Current AC-21A ( $I_e$ )         | (380 ... 415 V) 160 A<br>(500 V) 160 A<br>(690 V) 160 A   |
| Rated Operational Current AC-22A ( $I_e$ )         | (380 ... 415 V) 160 A<br>(500 V) 160 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 Current AC-31B ( $I_e$ )         | (380 ... 415 V) 160 A                                     |
| Rated Operational Current AC-33B ( $I_e$ )         | (380 ... 415 V) 160 A                                     |
| Rated Operational Power AC-23A ( $P_e$ )           | (380 ... 415 V) 90 kW<br>(500 V) 110 kW<br>(690 V) 160 kW |
| Conventional Free-air Thermal Current ( $I_{th}$ ) | $q = 40\text{ °C}$ 160 A                                  |
| Conventional Thermal Current ( $I_{the}$ )         | Fully Enclosed 160 A                                      |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )      | 12 kV                                                     |
| Rated Insulation Voltage ( $U_i$ )                 | 1000 V                                                    |
| Rated Operational Voltage                          | 1000 V                                                    |
| Rated Short-time Withstand Current ( $I_{cw}$ )    | for 1 s 8 kiloampere rms                                  |
| Motor Operational Voltage                          | 110 ... 125 V AC/DC                                       |
| Power Loss                                         | 2.4 W                                                     |
| Pollution Degree                                   | 3                                                         |
| Handle Color                                       | Black                                                     |
| Handle Type                                        | Direct mounted handle                                     |
| Fourth Pole Position                               | Right Side                                                |
| Fourth Pole Type                                   | Switched - Simultaneous Function                          |
| Switches Operating Mechanism                       | Mechanism at the End of the Switch                        |
| Distance Between Phases                            | Standard                                                  |
| Position of Line Terminals                         | Top In - Bottom Out, Bottom In - Top Out                  |
| Operating Mode                                     | Front operated                                            |
| Mounting Type                                      | Base mounting                                             |
| Number of Poles                                    | 4                                                         |
| Degree of Protection                               | Front IP20                                                |
| Transition Type                                    | Open                                                      |

## Environmental

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 1SCC303036D0202 |
|---------------------------|-----------------|

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC303031D0201 |
| Environmental Information      | 1SCC303036D0202 |
| Instructions and Manuals       | 1SCC303002M0204 |
| RoHS Information               | 1SCC303036D0202 |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 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   | 6.4 kg        |
| Package Level 1 EAN            | 6417019296784 |

## 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) |
| E-Number (Finland)         | 3641705                                                    |

## Categories

Low Voltage Products and Systems → Switches → Change-over and Transfer Switches → Motorized Change-over Switches

