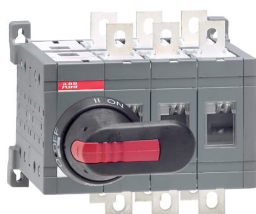


## PRODUCT-DETAILS

# OT160E03CP

## OT160E03CP CHANGE-OVER SWITCH



### General Information

|                       |                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | OT160E03CP                                                                                                                                                                                                                      |
| Product ID            | 1SCA022772R6510                                                                                                                                                                                                                 |
| EAN                   | 6417019251974                                                                                                                                                                                                                   |
| Catalog Description   | OT160E03CP CHANGE-OVER SWITCH                                                                                                                                                                                                   |
| Long Description      | Including a black plastic IP65 I-O-II pistol type handle (see the table below), shaft and bolt set for the cable connection. Handle padlockable in the 0-position, door interlock in the I- and lipositions and when padlocked. |

### 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          | 1SCC301040M0002 |

### Dimensions

|                   |        |
|-------------------|--------|
| Product Net Width | 170 mm |
|-------------------|--------|

|                            |                   |
|----------------------------|-------------------|
| Product Net Height         | 150 mm            |
| Product Net Depth / Length | 160 mm            |
| Product Net Weight         | 3.1 kg<br>6.83 lb |

## 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                                  |
| Power Loss                                         | 2.4 W                                                     |
| Pollution Degree                                   | 3                                                         |
| Handle Color                                       | Black                                                     |
| Handle Type                                        | Handle and shaft included                                 |
| Switches Operating Mechanism                       | Mechanism at the End of the Switch<br>03 (Left Side)      |
| 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                                    | 3                                                         |
| Degree of Protection                               | Front IP20                                                |
| Terminal Width                                     | 20 mm                                                     |
| Tightening Torque                                  | acc. IEC 60947-1 15 ... 22 N·m                            |
| Transition Type                                    | Open                                                      |

## Environmental

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 1SCC303050D0201 |
|---------------------------|-----------------|

| Certificates and Declarations (Document Number) |                 |
|-------------------------------------------------|-----------------|
| Declaration of Conformity - CE                  | 1SCC303001D0202 |
| Environmental Information                       | 1SCC303050D0201 |
| Instructions and Manuals                        | 1SCC301040M0002 |

| Container Information          |                  |
|--------------------------------|------------------|
| Package Level 1 Units          | 1 piece          |
| Package Level 1 Width          | 160 mm           |
| Package Level 1 Depth / Length | 245 mm           |
| Package Level 1 Height         | 185 mm           |
| Package Level 1 Gross Weight   | 3.4 kg<br>7.5 lb |
| Package Level 1 EAN            | 6417019251974    |

| 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)         | 3641502                                                    |
| E-Number (Sweden)          | 3171267                                                    |

Categories

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

