



PRODUCT-DETAILS

# OT400E03C

## OT400E03C CHANGE-OVER SWITCH



| General Information   |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Extended Product Type | OT400E03C                                                                              |
| Product ID            | 1SCA022764R1950                                                                        |
| EAN                   | 6417019249667                                                                          |
| Catalog Description   | OT400E03C CHANGE-OVER SWITCH                                                           |
| Long Description      | 400A, 3 pole manual change-over switch. Handle and shaft has to be ordered separately. |

| ABB EcoSolutions                       |                 |
|----------------------------------------|-----------------|
| End Of Life Disassembling Instructions | 1SCC303051M0201 |
| Environmental Information              | 1SCC303050D0201 |

| Material Compliance |                 |
|---------------------|-----------------|
| Conflict Minerals   | 9AKK108467A5658 |

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Reporting Template (CMRT) |                                                                        |
| REACH Declaration         | 1SCC011021D0201                                                        |
| RoHS Information          | 1SCC011020D0201                                                        |
| RoHS Status               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SCC303003C0201 |
| Instructions and Manuals          | 1SCC303008M0208 |

Environmental

|                           |                 |
|---------------------------|-----------------|
| Degree of Protection      | Front IP20      |
| Environmental Information | 1SCC303050D0201 |
| Pollution Degree          | 3               |

Ordering

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

Dimensions

|                            |                     |
|----------------------------|---------------------|
| Product Net Width          | 221 mm<br>8.7 in    |
| Product Net Height         | 185 mm<br>7.28 in   |
| Product Net Depth / Length | 203 mm<br>7.99 in   |
| Product Net Weight         | 5.68 kg<br>12.52 lb |

Container Information

|                                |                    |
|--------------------------------|--------------------|
| Package Level 1 Units          | box 1 box          |
| Package Level 1 Width          | 240 mm<br>9.45 in  |
| Package Level 1 Depth / Length | 270 mm<br>10.63 in |
| Package Level 1 Height         | 218 mm<br>8.58 in  |
| Package Level 1 Gross Weight   | 6.08 kg<br>13.4 lb |
| Package Level 1 EAN            | 6417019249667      |

Technical

|                                                          |                 |
|----------------------------------------------------------|-----------------|
| Conventional Free-air Thermal Current (I <sub>th</sub> ) | Θ = 40 °C 400 A |
|----------------------------------------------------------|-----------------|

|                                                             |                                                            |
|-------------------------------------------------------------|------------------------------------------------------------|
| Conventional Thermal Current ( $I_{the}$ )                  | Fully Enclosed 400 A                                       |
| Degree of Protection                                        | Front IP20                                                 |
| Distance Between Phases                                     | Standard                                                   |
| Handle Color                                                | Black                                                      |
| Handle Type                                                 | Handle and shaft not included                              |
| Mounting Type                                               | Base mounting                                              |
| Number of Poles                                             | 3P                                                         |
| Operating Mode                                              | Front operated                                             |
| Pollution Degree                                            | 3                                                          |
| Position of Line Terminals                                  | Top In - Bottom Out, Bottom In - Top Out                   |
| Power Loss                                                  | at Rated Operating Conditions per Pole 10 W                |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 12 kV                                                      |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V                                                     |
| Rated Operational Current AC-21A ( $I_e$ )                  | (380 ... 415 V) 400 A<br>(500 V) 400 A<br>(690 V) 400 A    |
| Rated Operational Current AC-22A ( $I_e$ )                  | (380 ... 415 V) 400 A<br>(500 V) 400 A<br>(690 V) 400 A    |
| Rated Operational Current AC-23A ( $I_e$ )                  | (380 ... 415 V) 400 A<br>(500 V) 400 A<br>(690 V) 400 A    |
| Rated Operational Current AC-31B ( $I_e$ )                  | (380 ... 415 V) 400 A                                      |
| Rated Operational Current AC-33B ( $I_e$ )                  | (380 ... 415 V) 400 A                                      |
| Rated Operational Power AC-23A ( $P_e$ )                    | (380 ... 415 V) 220 kW<br>(500 V) 280 kW<br>(690 V) 400 kW |
| Rated Operational Voltage                                   | Main Circuit 1000 V                                        |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | for 1 s 15 kiloampere rms                                  |
| Switches Operating Mechanism                                | Mechanism at the End of the Switch<br>03 (Left Side)       |
| Terminal Type                                               | Screw Terminals                                            |
| Terminal Width                                              | 25 mm                                                      |
| Tightening Torque                                           | acc. IEC 60947-1 30 ... 44 N·m                             |
| Transition Type                                             | Open                                                       |

## Technical UL/CSA

|                   |                                |
|-------------------|--------------------------------|
| Ampere Rating     | 400 A                          |
| Tightening Torque | acc. IEC 60947-1 30 ... 44 N·m |

## Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC303004D2703 |
| DNV Certificate                | 1SCC303138D0201 |

External Classifications and Standards

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification Code | Q                                                          |
| ETIM 8                     | EC000216 - Switch disconnector                             |
| ETIM 9                     | EC000216 - Switch disconnector (low voltage)               |
| eClass                     | V11.1 : 27371403                                           |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

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

