

## PRODUCT-DETAILS

# OT100F4C

## OT100F4C CHANGE-OVER SWITCH



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | OT100F4C  |
| Product ID            | 1SCA105019R1001   |
| EAN                   | 6417019391502   |
| Catalog Description   | OT100F4C CHANGE-OVER SWITCH   |
| Long Description      | 100A Manual Change-Over Switch, Handle and shaft need to be ordered separately, Open transition |

### Circular Value

|   |                 |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration                           | 1SCC011021D0201 |
| RoHS Information                            | 1SCC011020D0201 |

### 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          | 1SCC301067M0208 |

## Dimensions

|                            |                   |
|----------------------------|-------------------|
| Product Net Width          | 193 mm<br>7.6 in  |
| Product Net Height         | 100 mm<br>3.94 in |
| Product Net Depth / Length | 86 mm<br>3.39 in  |
| Product Net Weight         | 1.3 kg<br>2.87 lb |

## Technical

|   |   |
|---|---|
| Rated Operational Current<br>AC-21A ( $I_e$ )                     | (380 ... 415 V) 100 A<br>(500 V) 100 A<br>(690 V) 100 A |
| Rated Operational Current<br>AC-22A ( $I_e$ )                     | (380 ... 415 V) 100 A<br>(500 V) 100 A<br>(690 V) 100 A |
| Rated Operational Current<br>AC-23A ( $I_e$ )                     | (380 ... 415 V) 80 A<br>(500 V) 60 A<br>(690 V) 40 A    |
| Rated Operational Power<br>AC-23A ( $P_e$ )                       | (380 ... 415 V) 37 kW<br>(500 V) 37 kW<br>(690 V) 37 kW |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ )             | $\Theta = 40\text{ °C}$ 115 A                           |
| Conventional Thermal<br>Current ( $I_{the}$ )                     | Fully Enclosed 115 A                                    |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )                  | 8 kV  |
| Rated Insulation Voltage<br>( $U_i$ )                             | 750 V   |
| Rated Operational Voltage   | 750 V   |
| Rated Short-time<br>Withstand Current Low<br>Voltage ( $I_{cw}$ ) | for 1 s 2.5 kiloampere rms                              |
| Power Loss  | 4 W   |
| Pollution Degree  | 3   |
| Handle Color  | Black   |
| Handle Type   | Handle and shaft not included                           |
| Fourth Pole Position  | Right Side  |
| Fourth Pole Type  | Switched - Simultaneous Function                        |
| Switches Operating<br>Mechanism                                   | Mechanism on Top of the Switch                          |
| Distance Between Phases   | Standard  |
| Position of Line Terminals  | Top In - Bottom Out, Bottom In - Top Out                |
| Operating Mode  | Front operated  |
| Standards   | UL 98 / IEC60947-3                                      |
| Mounting Type   | Base mounting   |
| Number of Poles   | 4   |
| Cable Cross-Section   | 10 ... 70 mm <sup>2</sup>                               |

|                       |            |
|-----------------------|------------|
| Degree of Protection  | Front IP20 |
| Mechanical Durability | 6000 cycle |
| Transition Type       | Open       |

## Technical UL/CSA

|                   |                          |
|-------------------|--------------------------|
| Ampere Rating     | 100 A                    |
| Horsepower Rating | (acc. to UL 200 V) 30 Hp |
| UL/CSA            | (acc. to UL 208 V) 30 Hp |
|                   | (acc. to UL 240 V) 30 Hp |
|                   | (acc. to UL 480 V) 50 Hp |
|                   | (acc. to UL 600 V) 50 Hp |

## Environmental

|             |  |
|-------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|--|

## Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SCC303021D2702 |
| REACH Declaration                 | 1SCC011021D0201 |

## Container Information

|                                   |                   |
|-----------------------------------|-------------------|
| Package Level 1 Units             | 1 piece           |
| Package Level 1 Width             | 102 mm<br>4.02 in |
| Package Level 1 Depth /<br>Length | 205 mm<br>8.07 in |
| Package Level 1 Height            | 103 mm<br>4.06 in |
| Package Level 1 Gross<br>Weight   | 1.3 kg<br>2.87 lb |
| Package Level 1 EAN               | 6417019391502     |

## Classifications

|                                       |  |
|---------------------------------------|--|
| Object Classification Code            | Q  |
| ETIM 7                                | EC000216 - Switch disconnecter                             |
| ETIM 8                                | EC000216 - Switch disconnecter                             |
| ETIM 9                                | EC000216 - Switch disconnecter (low voltage)               |
| UNSPSC                                | 39122233   |
| IDEA Granular Category<br>Code (IGCC) | 5290 >> Disconnect switch                                  |
| eClass                                | V11.1 : 27371403   |
| WEEE Category                         | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland)                    | 3601404  |

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## Categories

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

