PRODUCT-DETAILS

# OT315E04C

## OT315E04C CHANGE-OVER SWITCH



### General Information

| | |
|---|---|
| Extended Product Type | OT315E04C |
| Product ID | 1SCA022775R1030 |
| EAN | 6417019252285 |
| Catalog Description | OT315E04C CHANGE-OVER SWITCH |
| Long Description | 315A, 4 pole manual change-over switch. Handle and shaft has to be ordered separately. |

### ABB EcoSolutions

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

### Material Compliance

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

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| | |
|---|---|
| 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 (FI) |

## Dimensions

| | |
|---|---|
| Product Net Width | 265 mm<br>10.43 in |
| Product Net Height | 185 mm<br>7.28 in |
| Product Net Depth / Length | 203 mm<br>7.99 in |
| Product Net Weight | 7.08 kg<br>15.61 lb |

## Container Information

| | |
|---|---|
| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 240 mm<br>9.45 in |
| Package Level 1 Depth / Length | 325 mm<br>12.8 in |
| Package Level 1 Height | 218 mm<br>8.58 in |
| Package Level 1 Gross Weight | 7.53 kg<br>16.6 lb |
| Package Level 1 EAN | 6417019252285 |

## Technical

| | |
|---|---|
| Conventional Free-air Thermal Current ($I_{th}$) | Θ = 40 °C 315 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 315 A |
| Degree of Protection | Front IP20 |

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| | |
|---|---|
| Distance Between Phases | Standard |
| Fourth Pole Position | Right Side |
| Fourth Pole Type | Switched - Simultaneous Function |
| Handle Color | Black |
| Handle Type | Handle and shaft not included |
| Mounting Type | Base mounting |
| Number of Poles | 4P |
| 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 6.5 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) 315 A<br>(500 V) 315 A<br>(690 V) 315 A |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 315 A<br>(500 V) 315 A<br>(690 V) 315 A |
| Rated Operational Current AC-31B ($I_e$) | (380 ... 415 V) 315 A |
| Rated Operational Current AC-33B ($I_e$) | (380 ... 415 V) 315 A |
| Rated Operational Power AC-23A ($P_e$) | (380 ... 415 V) 160 kW<br>(500 V) 220 kW<br>(690 V) 315 kW |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 8 kiloampere rms |
| Switches Operating Mechanism | Mechanism at the End of the Switch<br>04 (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 | 315 A |
| Tightening Torque | acc. IEC 60947-1 30 ... 44 N·m |

## Certificates and Declarations

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

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## Classifications

| | |
|---|---|
| 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



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