



PRODUCT-DETAILS

OT125F4C

OT125F4C CHANGE-OVER SWITCH



| General Information | |
|-----------------------|---|
| Extended Product Type | OT125F4C |
| Product ID | 1SCA105054R1001 |
| EAN | 6417019391847 |
| Catalog Description | OT125F4C CHANGE-OVER SWITCH |
| Long Description | 125A Manual Change-Over Switch, Handle and shaft need to be ordered separately, Open transition |

| ABB EcoSolutions | |
|---|-----------------|
| Environmental Product Declaration - EPD | 1SCC301274D0201 |

| Material Compliance | |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| 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 | 1SCC301054M0006 |
| Environmental Product Declaration - EPD | 1SCC301274D0201 |

Environmental

| | |
|----------------------|------------|
| Degree of Protection | Front IP20 |
| Pollution Degree | 3 |

Ordering

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

Dimensions

| | |
|----------------------------|-------------------|
| Product Net Width | 193 mm 7.6 in |
| Product Net Height | 100 mm 3.94 in |
| Product Net Depth / Length | 86 mm 3.39 in |
| Product Net Weight | 1.4 kg 3.09 lb |

Container Information

| | |
|--------------------------------|-------------------|
| Package Level 1 Units | box 1 box |
| Package Level 1 Width | 102 mm 4.02 in |
| Package Level 1 Depth / Length | 205 mm 8.07 in |
| Package Level 1 Height | 103 mm 4.06 in |
| Package Level 1 Gross Weight | 1.4 kg 3.09 lb |
| Package Level 1 EAN | 6417019391847 |

Technical

| | |
|--|---------------------------|
| Cable Cross-Section | 10 ... 70 mm ² |
| Conventional Free-air Thermal Current (I _{th}) | Θ = 40 °C 125 A |
| Conventional Thermal | Fully Enclosed 125 A |

| | |
|---|---|
| Current (I_{the}) | |
| Degree of Protection | Front IP20 |
| 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 |
| Mechanical Durability | 6000 cycle |
| 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 6.3 W |
| Rated Impulse Withstand Voltage (U_{imp}) | 8 kV |
| Rated Insulation Voltage (U_i) | 750 V |
| Rated Operational Current AC-21A (I_e) | (380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A |
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A |
| Rated Operational Power AC-23A (P_e) | (380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW |
| Rated Operational Voltage | Main Circuit 750 V |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 2.5 kiloampere rms |
| Standards | UL 98 / IEC60947-3 |
| Switches Operating Mechanism | Mechanism on Top of the Switch |
| Terminal Type | Screw Terminals |
| Tightening Torque | acc. IEC 60947-1 6 N·m |
| Transition Type | Open |

Technical UL/CSA

| | |
|--------------------------|--|
| Ampere Rating | 125 A |
| Horsepower Rating UL/CSA | (acc. to UL 200 V) 30 Hp (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 |
| Tightening Torque | acc. IEC 60947-1 6 N·m |

Certificates and Declarations

| | |
|----------------|-----------------|
| Declaration of | 1SCC303021D2702 |
|----------------|-----------------|

| | |
|-----------------|-----------------|
| Conformity - CE | |
| DNV Certificate | 1SCC303138D0201 |

External Classifications and Standards

| | |
|------------------------------------|--|
| Object Classification Code | Q |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| UNSPSC | 39122233 |
| IDEA Granular Category Code (IGCC) | 5290 >> Disconnect switch |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3601414 |
| E-Number (Norway) | 4363561 |

Categories

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

