



 PRODUCT-DETAILS

OT800E12

OT800E12 SWITCH-DISCONNECTOR



General Information

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|-----------------------|--|
| Extended Product Type | OT800E12 |
| Product ID | 1SCA022753R5500 |
| EAN | 6417019245157 |
| Catalog Description | OT800E12 SWITCH-DISCONNECTOR |
| Long Description | 3-pole, front operated, base mounted switch-diconductor, handle and shaft are not included, terminal bolt kit included |

ABB EcoSolutions

| | |
|---|-----------------|
| End Of Life Disassembling Instructions | 1SCC301119M0201 |
| Environmental Information | 1SCC301232D0201 |
| Environmental Product Declaration - EPD | 1SCC301284D0201 |

Material Compliance

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|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
|---|-----------------|

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|-------------------------------------|--|
| REACH Declaration | 1SCC011021D0201 |
| RoHS Declaration | 1SCC011020D0201 |
| RoHS Information | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

Popular Downloads

| | |
|---|--|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301042M0211 |
| Mechanical Drawings | 1SCC301340F0001 1SCC301339F0001 OT600_800E12.igs |
| Environmental Product Declaration - EPD | 1SCC301284D0201 |

Environmental

| | |
|---------------------------|-----------------|
| Degree of Protection | Front IP00 |
| Environmental Information | 1SCC301232D0201 |
| Pollution Degree | 3 |

Ordering

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

Dimensions

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|----------------------------|--------|
| Product Net Width | 266 mm |
| Product Net Height | 250 mm |
| Product Net Depth / Length | 140 mm |
| Product Net Weight | 6.1 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 260 mm |
| Package Level 1 Depth / Length | 335 mm |
| Package Level 1 Height | 152 mm |
| Package Level 1 Gross Weight | 6.5 kg |
| Package Level 1 EAN | 6417019245157 |

Technical

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|--|-------------------------------|
| Conventional Free-air Thermal Current (I_{th}) | $\Theta = 40\text{ °C}$ 800 A |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 800 A |
| Degree of Protection | Front IP00 |
| Distance Between Phases | Standard |

| | |
|---|--|
| Handle Type | Handle and shaft not included |
| Mechanical Durability | 10000 |
| Mounting Type | Base mounting |
| Number of Poles | 3P |
| Operating Mode | Front |
| Pollution Degree | 3 |
| Position of Line Terminals | Top In - Bottom Out Bottom In - Top Out |
| Power Loss | at Rated Operating Conditions per Pole 40 W |
| Rated Impulse Withstand Voltage (U_{imp}) | 12 kV |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 1000 V |
| Rated Operational Current AC-21A (I_e) | (380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A |
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A |
| Rated Operational Power AC-23A (P_e) | (220 ... 240 V) 250 kW (400 ... 415 V) 450 kW (500 V) 560 kW (690 V) 800 kW |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (690 V) 80 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 20 kA |
| Special Functions | No |
| Standards | IEC 60947-3 |
| Switches Operating Mechanism | Mechanism Between the Poles 12 (Between the Poles) |
| Terminal Type | Lug terminals |
| Tightening Torque | acc. IEC 60947-1 50 ... 75 N·m |

Technical UL/CSA

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|-------------------|--------------------------------|
| Tightening Torque | acc. IEC 60947-1 50 ... 75 N·m |
|-------------------|--------------------------------|

Certificates and Declarations

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|--------------------------------|-----------------|
| A2L Certificate - IEC | 1SCC301337D0201 |
| Declaration of Conformity - CE | 1SCC301140D2704 |
| DNV GL Certificate | 1SCC301184D0203 |

External Classifications and Standards

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|----------------------------|--|
| Object Classification Code | Q |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| ETIM 10 | EC000216 - Switch disconnector (AC) |
| UNSPSC | 39122233 |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

