



 PRODUCT-DETAILS

OT2500EM03P

OT2500EM03P SWITCH-DISCONNECTOR



General Information

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|-----------------------|--|
| Extended Product Type | OT2500EM03P |
| Product ID | 1SCA115835R1001 |
| EAN | 6417019481036 |
| Catalog Description | OT2500EM03P SWITCH-DISCONNECTOR |
| Long Description | 3-pole, front operated, horizontally base mounted earthing switch with black IP65 handle and shaft, terminal bolt kit included |

ABB EcoSolutions

| | |
|---|-----------------|
| End Of Life Disassembling Instructions | 1SCC301121M0201 |
| Environmental Information | 1SCC301268D0201 |
| Environmental Product Declaration - EPD | 1SCC301304D0201 |

Material Compliance

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|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| 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 | 1SCC301077M0204 |
| Mechanical Drawings | 1SCC301961F0001 1SCC301960F0001 |
| Environmental Product Declaration - EPD | 1SCC301304D0201 |

Environmental

| | |
|---------------------------|-----------------|
| Degree of Protection | Front IP00 |
| Environmental Information | 1SCC301268D0201 |
| 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 | 487.5 mm |
| Product Net Height | 376.5 mm |
| Product Net Depth / Length | 234 mm |
| Product Net Weight | 26.3 kg 58 lb |

Container Information

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|--------------------------------|-------------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 400 mm 15.7 in |
| Package Level 1 Depth / Length | 630 mm 24.8 in |
| Package Level 1 Height | 300 mm 11.8 in |
| Package Level 1 Gross | 28.4 kg |

| | |
|---------------------|---------------|
| Weight | 62.6 lb |
| Package Level 1 EAN | 6417019481036 |

Technical

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|---|--|
| Conventional Free-air Thermal Current (I_{th}) | $\Theta = 40\text{ °C}$ 2500 A |
| Degree of Protection | Front IP00 |
| Distance Between Phases | Standard |
| Handle Color | Black |
| Handle Type | Handle and shaft included |
| Mechanical Durability | 6000 |
| 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 85 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-21B (I_e) | (380 ... 415 V) 2500 A (500 V) 2500 A (690 V) 2500 A |
| Rated Operational Current AC-22B (I_e) | (380 ... 415 V) 2500 A (500 V) 2500 A (690 V) 2500 A |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (690 V) 176 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 55 kA |
| Special Functions | No |
| Standards | IEC 60947-3 |
| Switches Operating Mechanism | 03 (Left Side) Mechanism turned 90 degrees |
| Terminal Type | Lug terminals |
| Tightening Torque | acc. IEC 60947-1 50 ... 75 N·m |
| Utilization | Earthing Switch Use |

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 | 1SCC301338D0201 |
| Declaration of Conformity - CE | 1SCC301176D2702 |
| DNV GL Certificate | 1SCC301184D0203 |

External Classifications and Standards

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|----------------------------|--|
| Object Classification Code | Q |
| ETIM 9 | EC000216 - Switch disconnecter (low voltage) |
| ETIM 10 | EC000216 - Switch disconnecter (AC) |
| UNSPSC | 39122221 |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3600199 |

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

