

PRODUCT-DETAILS

OT1600E03P

OT1600E03P SWITCH-DISCONNECTOR



General Information

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|-----------------------|--|
| Extended Product Type | OT1600E03P |
| Product ID | 1SCA022860R6580 |
| EAN | 6417019309361 |
| Catalog Description | OT1600E03P SWITCH-DISCONNECTOR |
| Long Description | 3-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, terminal bolt kit included |

Ordering

| | |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |
| Country of Origin | Finland (FI) |

Popular Downloads

| | |
|-----------------------------------|---|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301047M0213 |
| Mechanical Drawings | 1SCC301502F0001 1SCC301501F0001 OT1600E03.igs |

Dimensions

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|----------------------------|----------|
| Product Net Width | 334.5 mm |
| Product Net Height | 372 mm |
| Product Net Depth / Length | 167 mm |
| Product Net Weight | 17.6 kg |

Technical

| | |
|---|---|
| Rated Operational Current AC-21A (I_e) | (380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A (1000 V) 1600 A |
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 1600 A (500 V) 1600 A (690 V) 1600 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 1250 A (500 V) 1250 A (690 V) 1250 A |
| Rated Operational Power AC-23A (P_e) | (400 ... 415 V) 710 kW (500 V) 900 kW (690 V) 1200 kW |
| Conventional Free-air Thermal Current (I_{th}) | q = 40 °C 1600 A |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 1600 A |
| Rated Impulse Withstand Voltage (U_{imp}) | 12 kV |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 1000 V |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (690 V) 110 kA |
| Rated Short-time Withstand Current (I_{cw}) | for 1 s 50 kA |
| Power Loss | at Rated Operating Conditions per Pole 48 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Type | Handle and shaft included |
| Switches Operating Mechanism | Mechanism at the End of the Switch 03 (Left Side) |
| Distance Between Phases | Standard |
| Position of Line Terminals | Top In - Bottom Out Bottom In - Top Out |
| Operating Mode | Front operated |
| Standards | IEC 60947-3 |
| Special Functions | No |
| Mounting Type | Base mounting |
| Number of Poles | 3 |
| Degree of Protection | Front IP00 |
| Terminal Type | Lug terminals |

| | |
|-----------------------|------------------------------|
| Terminal Width | 50 mm |
| Tightening Torque | acc. IEC 60947-1 50...75 N·m |
| Mechanical Durability | 6000 |
| Lock Type | Yes |

Environmental

| | |
|---------------------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
| Environmental Information | 1SCC301149D0202 |

Certificates and Declarations (Document Number)

| | |
|-----------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC301155D2704 |
| DNV GL Certificate | 1SCC301184D0203 |
| Environmental Information | 1SCC301149D0202 |
| Instructions and Manuals | 1SCC301047M0213 |
| RoHS Information | 1SCC301149D0203 |

Container Information

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|-----------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 400 mm |
| Package Level 1 Depth / Length | 435 mm |
| Package Level 1 Height | 170 mm |
| Package Level 1 Gross Weight | 18.8 kg |
| Package Level 1 EAN | 6417019309361 |

Classifications

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|----------------------------|--|
| Object Classification Code | Q |
| ETIM 5 | EC000216 - Switch disconnecter |
| ETIM 6 | EC000216 - Switch disconnecter |
| ETIM 7 | EC000216 - Switch disconnecter |
| ETIM 8 | EC000216 - Switch disconnecter |
| UNSPSC | 39122233 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3661758 |
| E-Number (Sweden) | 3171256 |

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

