



PRODUCT-DETAILS

OT315ES03

OT315ES03 SWITCH-DISCONNECTOR



| General Information | |
|-----------------------|--|
| Extended Product Type | OT315ES03 |
| Product ID | 1SCA022860R1270 |
| EAN | 6417019308838 |
| Catalog Description | OT315ES03 SWITCH-DISCONNECTOR |
| Long Description | 3-pole, side operated, base mounted switch-d disconnecter, handle and shaft are not included, terminal bolt kit included |

| Circular Value | |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| End of Life Instructions | 1SCC301118M0201 |
| Environmental Information | 1SCC301266D0201 |
| Environmental Product Declaration - EPD | 1SCC301283D0201 |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |

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| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |
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Eco Transparency

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|--|-----------------|
| Environmental Product Declaration - EPD | 1SCC301283D0201 |
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Ordering

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

Popular Downloads

| | |
|--|------------------------------------|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301070M0207 |
| Mechanical Drawings | 1SCC301660F0001 1SCC301659F0001 |
| Environmental Product Declaration - EPD | 1SCC301283D0201 |
| End of Life Instructions | 1SCC301118M0201 |

Dimensions

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| Product Net Width | 226 mm |
| Product Net Height | 185 mm |
| Product Net Depth / Length | 107 mm |
| Product Net Weight | 3.2 kg 7.1 lb |

Technical

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|---|--|
| Rated Operational Current AC-21A (I _e) | (380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A (1000 V) 315 A |
| Rated Operational Current AC-22A (I _e) | (380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A |
| Rated Operational Current AC-23A (I _e) | (380 ... 415 V) 315 A (500 V) 315 A (690 V) 315 A |
| Rated Operational Power AC-23A (P _e) | (220 ... 240 V) 100 kW (400 ... 415 V) 180 kW (500 V) 220 kW (690 V) 315 kW |
| Conventional Free-air Thermal Current (I _{th}) | Θ = 40 °C 315 A |
| Conventional Thermal Current (I _{the}) | Fully Enclosed 315 A |
| Rated Impulse | 12 kV |

Withstand Voltage (U_{imp})

| | |
|---|---|
| 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) 65 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 15 kA |
| Rated Conditional Short-Circuit Current (I_{nc}) | (500 A fuse, 500 V) 100 kA (500 A fuse, 690 V) 80 kA |
| Power Loss | at Rated Operating Conditions per Pole 6.5 W |
| Pollution Degree | 3 |
| Handle Type | Handle and shaft not 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 | Side 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 |
| Tightening Torque | acc. IEC 60947-1 30 ... 44 N·m |
| Mechanical Durability | 16000 |
| Lock Type | No |

Technical UL/CSA

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|-------------------|--------------------------------|
| Tightening Torque | acc. IEC 60947-1 30 ... 44 N·m |
|-------------------|--------------------------------|

Environmental

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|-------------------------------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Environmental Information | 1SCC301266D0201 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

Certificates and Declarations

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|--------------------------------|-------------------------|
| ATEX Certificate | No certification needed |
| Declaration of Conformity - CE | 1SCC301135D2704 |
| DNV GL Certificate | 1SCC301174D0204 |
| REACH Declaration | 1SCC011021D0201 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |

| Container Information | | |
|--------------------------------|--|-------------------|
| Package Level 1 Units | | box 1 piece |
| Package Level 1 Width | | 250 mm 9.8 in |
| Package Level 1 Depth / Length | | 290 mm 11.4 in |
| Package Level 1 Height | | 170 mm 6.7 in |
| Package Level 1 Gross Weight | | 3.5 kg 7.7 lb |
| Package Level 1 EAN | | 6417019308838 |

| Classifications | | |
|----------------------------|--|--|
| Object Classification Code | | Q |
| ETIM 7 | | EC000216 - Switch disconnecter |
| ETIM 8 | | EC000216 - Switch disconnecter |
| ETIM 9 | | EC000216 - Switch disconnecter (low voltage) |
| eClass | | V11.1 : 27371403 |
| WEEE Category | | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | | 3661709 |

| Categories | |
|--|--|
| Low Voltage Products and Systems → Switches → Switch Disconnectors | |

