



PRODUCT-DETAILS

OT160G30K

OT160G30K SWITCH-DISCONNECTOR



| General Information | |
|-----------------------|--|
| Extended Product Type | OT160G30K |
| Product ID | 1SCA138209R1001 |
| EAN | 6417019666198 |
| Catalog Description | OT160G30K SWITCH-DISCONNECTOR |
| Long Description | 3-pole, front operated, base mounted switch-d disconnecter with protected clamp terminals and with black direct mount handle |

| Circular Value | |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| End of Life Instructions | 1SCC301116M0201 |
| Environmental Information | 1SCC301267D0201 |
| Environmental Product Declaration - EPD | 1SCC301281D0201 |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

Eco Transparency

| | |
|---|-----------------|
| Environmental Product Declaration - EPD | 1SCC301281D0201 |
|---|-----------------|

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 | 1SCC301089M0204 |
| Mechanical Drawings | 1SCC307697F0001 1SCC307696F0001 OT160G30K.stp OT160G30K.igs |
| Environmental Product Declaration - EPD | 1SCC301281D0201 |
| End of Life Instructions | 1SCC301116M0201 |

Dimensions

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|----------------------------|--------|
| Product Net Width | 123 mm |
| Product Net Height | 130 mm |
| Product Net Depth / Length | 73 mm |
| Product Net Weight | 0.8 kg |

Technical

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|--|---|
| Rated Operational Current AC-21A (I _e) | (380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A |
| Rated Operational Current AC-22A (I _e) | (380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A |
| Rated Operational Current AC-23A (I _e) | (380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A |
| Rated Operational Power AC-23A (P _e) | (220 ... 240 V) 45 kW (400 ... 415 V) 75 kW (500 V) 90 kW (690 V) 132 kW |
| Conventional Free-air Thermal Current (I _{th}) | Θ = 40 °C 160 A |
| Conventional Thermal Current (I _{the}) | Fully Enclosed 160 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) 12 kA |
| Rated Short-time Withstand Current Low | for 1 s 4 kA |

| | |
|--|---|
| Voltage (I _{cw}) | |
| Rated Conditional Short-Circuit Current (I _{nc}) | (200 A fuse, 500 V) 100 kA (200 A fuse, 690 V) 50 kA |
| Power Loss | at Rated Operating Conditions per Pole 6.5 W |
| Pollution Degree | 3 |
| Handle Color | Black |
| Handle Type | Direct mounted pistol type handle |
| Switches Operating Mechanism | Mechanism at the End of the Switch 30 (Right Side) |
| Distance Between Phases | Standard |
| Position of Line Terminals | Top In - Bottom Out Bottom In - Top Out |
| Operating Mode | Front and side operated |
| Standards | IEC 60947-3 / UL 98 / CSA C22.2 NO.4 |
| Special Functions | No |
| Mounting Type | Base mounting |
| Number of Poles | 3 |
| Cable Cross-Section | Cu 10 ... 70 mm² |
| Degree of Protection | Front IP20 |
| Terminal Type | Screw Terminals |
| Tightening Torque | acc. IEC 60947-1 6 N·m |
| Mechanical Durability | 20000 |
| Lock Type | Yes |

Technical UL/CSA

| | |
|----------------------------------|--|
| Maximum Operating Voltage UL/CSA | 600 V |
| Ampere Rating | 125 A |
| Horsepower Rating UL/CSA | (240 V AC) Single Phase 20 Hp (440 ... 480 V AC) Single Phase 30 Hp |
| Tightening Torque | acc. IEC 60947-1 6 N·m |
| Tightening Torque UL/CSA | 53 in·lb |

Environmental

| | |
|-------------------------------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Environmental Information | 1SCC301267D0201 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

Certificates and Declarations

| | |
|--------------------------------|--------------------------|
| ATEX Certificate | No certification needed |
| Declaration of Conformity - CE | 1SCC301210D2701 |
| DNV GL Certificate | 1SCC301174D0204 |
| REACH Declaration | 1SCC011021D0201 |
| UL Certificate | cULus certificate OT160G |
| VDE Certificate | No certification needed |

Container Information

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|-------------------------|------------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 160 mm 6.3 in |
| Package Level 1 Depth / | 244 mm |

| | |
|------------------------------|---------------|
| Length | 9.6 in |
| Package Level 1 Height | 96 mm |
| | 3.8 in |
| Package Level 1 Gross Weight | 0.9 kg |
| | 2 lb |
| Package Level 1 EAN | 6417019666198 |

Classifications

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|----------------------------|--|
| 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) |

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

