



 PRODUCT-DETAILS

OT63F3U

OT63F3U SWITCH-DISCONNECTOR



General Information

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|-----------------------|---|
| Extended Product Type | OT63F3U |
| Product ID | 1SCA105364R1001 |
| EAN | 6417019393087 |
| Catalog Description | OT63F3U SWITCH-DISCONNECTOR |
| Long Description | Front operated switch-disconnector. Types OT 16...125 include protected terminal clamps, IP 20. |

Circular Value

| | |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Environmental Information | 1SCC301263D0201 |
| Environmental Product Declaration - EPD | 1SCC301279D0201 |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

Eco Transparency

| | |
|---|-----------------|
| Environmental Product Declaration - EPD | 1SCC301279D0201 |
|---|-----------------|

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 | 1SCC301065M0205 |
| Mechanical Drawings | 1SCC301450F0001 1SCC301449F0001 OT63-80F3U.stp OT63-80F3.igs |
| Environmental Product Declaration - EPD | 1SCC301279D0201 |

Dimensions

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|----------------------------|---------|
| Product Net Width | 52.5 mm |
| Product Net Height | 91.5 mm |
| Product Net Depth / Length | 72.5 mm |
| Product Net Weight | 0.24 kg |

Technical

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|---|--|
| Rated Operational Current AC-21A (I_e) | (380 ... 415 V) 63 A (500 V) 63 A (690 V) 63 A |
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 63 A (500 V) 63 A (690 V) 63 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 63 A (500 V) 45 A (690 V) 20 A |
| Rated Operational Power AC-23A (P_e) | (220 ... 240 V) 11 kW (400 ... 415 V) 22 kW (500 V) 22 kW (690 V) 15 kW |
| Conventional Free-air Thermal Current (I_{th}) | $\Theta = 40\text{ °C}$ 63 A |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 63 A |
| Rated Impulse Withstand Voltage (U_{imp}) | 8 kV |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 750 V |
| Rated Operational Voltage | Main Circuit 750 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (690 V) 1.4 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 1 kA |
| Power Loss | at Rated Operating Conditions per Pole 2.8 W |

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|------------------------------|--|
| Pollution Degree | 3 |
| Handle Type | Knob Handle and shaft not included |
| Switches Operating Mechanism | Mechanism on Top of the Switch |
| Distance Between Phases | Standard |
| Position of Line Terminals | Top In - Bottom Out Bottom In - Top Out |
| Operating Mode | Front operated |
| Standards | IEC 60947-3 / UL 508 / CSA C22.2 No. 14 |
| Special Functions | No |
| Mounting Type | Base mounting |
| Number of Poles | 3 |
| Cable Cross-Section | Cu 1.5 ... 35 mm ² |
| Degree of Protection | Front IP20 |
| Terminal Type | Screw Terminals |
| Tightening Torque | acc. IEC 60947-1 2 N·m |
| Mechanical Durability | 20000 |
| Lock Type | No |

Technical UL/CSA

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|----------------------------------|--|
| Maximum Operating Voltage UL/CSA | 600 V |
| Ampere Rating | 60 A |
| Horsepower Rating UL/CSA | (110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 7.5 Hp (440 ... 480 V AC) Single Phase 15 Hp (550 ... 600 V AC) Single Phase 15 Hp (220 ... 240 V AC) Three Phase 15 Hp (440 ... 480 V AC) Three Phase 30 Hp (550 ... 600 V AC) Three Phase 30 Hp |
| Tightening Torque | acc. IEC 60947-1 2 N·m |

Environmental

| | |
|-------------------------------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Environmental Information | 1SCC301263D0201 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

Certificates and Declarations

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|--------------------------------|---------------------------|
| Declaration of Conformity - CE | 1SCC301167D2704 |
| REACH Declaration | 1SCC011021D0201 |
| UL Certificate | cULus certificate OT16-80 |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 93 mm |
| Package Level 1 Depth / Length | 54 mm |
| Package Level 1 Height | 74 mm |
| Package Level 1 Gross Weight | 0.26 kg |
| Package Level 1 EAN | 6417019393087 |

Classifications

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|------------------------------------|--|
| Object Classification Code | Q |
| UNSPSC | 39122233 |
| IDEA Granular Category Code (IGCC) | 5290 >> Disconnect switch |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

