

OT160GT40



Products → Low Voltage Products and Systems → Switches → Switch Disconnectors

General Information

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| Extended Product Type: | OT160GT40 |
| Product ID: | 1SCA138221R1001 |
| EAN: | 6417019666297 |
| Catalog Description: | OT160GT40 switch-disconnector |
| Long Description: | 4-pole, front operated, door mounted switch-dconnector with protected clamp terminals, handle and shaft are not included |

Ordering

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| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85365080 |

Popular Downloads

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|---|-----------------|
| Data Sheet, Technical Information: | 1SCC301018B0201 |
| Instructions and Manuals: | 1SCC301089M0202 |

Dimensions

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| Product Net Width: | 166 mm |
| Product Net Height: | 130 mm |
| Product Net Depth: | 73 mm |
| Product Net Weight: | 1.3 kg 1 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): | (380 ... 415 V) 75 kW (500 V) 90 kW (690 V) 132 kW |
| Conventional Free-air Thermal Current (I_{th}): | q = 40 °C 160 A |

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|---|---|
| Conventional Thermal Current (I_{the}): | Fully Enclosed 160 A |
| Rated Impulse Withstand Voltage (U_{imp}): | 12 kV |
| Rated Insulation Voltage (U_i): | 1000 V |
| Rated Operational Voltage: | 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}): | (690 V AC) 12 kA |
| Rated Short-time Withstand Current (I_{cw}): | for 1 s 4 kA |
| Power Loss: | at Rated Operating Conditions per Pole 6.5 W |
| Pollution Degree: | 3 |
| Handle Type: | Handle and shaft not included |
| Fourth Pole Position: | Right Side |
| Fourth Pole Type: | Switched - Simultaneous Function |
| Switches Operating Mechanism: | Mechanism at the End of the Switch 40 (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: | Door mounting |
| Number of Poles: | 4 |
| Cable Cross-Section: | 10 ... 70 mm ² |
| Terminal Type: | Lug terminals |
| Tightening Torque: | 6 N·m |

Technical UL/CSA

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|--|---------------------------------------|
| Maximum Operating Voltage UL/CSA: | 600 V |
| Horsepower Rating UL/CSA: | (440 ... 480 V AC) Single Phase 30 Hp |
| Ampere Rating UL/CSA: | 125 A |
| Tightening Torque UL/CSA: | 53 in·lb |

Environmental

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

