



Electric Automation
Automation specialists

Reference: OT80F8
Code: 1SCA105429R1001

OT80F8 switch-disconnector

Buy it at Electric Automation Network



Front operated switch-disconnector. Types OT 16...125 include protected terminal clamps, IP 20.

Ordering

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|-------------------------|---------------|
| EAN: | 6417019393643 |
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85365080 |

Dimensions

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|---------------------|---------|
| Product Net Width: | 140 mm |
| Product Net Height: | 92 mm |
| Product Net Depth: | 85 mm |
| Product Net Weight: | 0.67 kg |

Container Information

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|-------------------------------|---------------|
| Package Level 1 Units: | 1 piece |
| Package Level 1 Width: | 102 mm |
| Package Level 1 Height: | 103 mm |
| Package Level 1 Length: | 205 mm |
| Package Level 1 Gross Weight: | 0.67 kg |
| Package Level 1 EAN: | 6417019393643 |

Environmental

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|--------------|---|
| RoHS Status: | Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q3 |
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Technical UL/CSA

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|---------------------------|--|
| Ampere Rating UL/CSA: | 60 A |
| Horsepower Rating UL/CSA: | (acc. to UL 200 V) 20 Hp (acc. to UL 208 V) 20 Hp (acc. to UL 240 V) 20 Hp (acc. to UL 480 V) 40 Hp (acc. to UL 600 V) 40 Hp |

Additional Information

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| Cable Cross-Section: | 1.5...35 mm ² |
| Conventional Free-air Thermal Current (I_{th}): | q = 40 °C 80 A |
| Conventional Thermal Current (I_{the}): | Fully Enclosed 80 A |
| Earthing Switch Type: | No Additional Type |
| Handle Type: | None |
| IIT Publishing Status: | Level 0 - Information enabled |
| Includes: | None |
| Mounting Type: | Modular |
| Number of Poles: | 8 |
| Operating Mechanism: | Mechanism on top of the switch |
| Operating Mode: | Front Operated |
| Order Multiple: | 1 piece |
| Pollution Degree: | 3 |
| Position of Line Terminals: | Top In - Bottom Out |
| Power Loss: | at Rated Operating Conditions per Pole 2.8 W |
| Product Main Type: | OT80 |
| Product Name: | Switch-disconnector |
| Rated Impulse Withstand Voltage (U_{imp}): | 8 kV |
| Rated Insulation Voltage (U_i): | 750 V |
| Rated Operational Current AC-21A (I_e): | (380 ... 415 V) 80 A (690 V) 80 A (500 V) 80 A |
| Rated Operational Current AC-22A (I_e): | (380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A |
| Rated Operational Current AC-23A (I_e): | (380 ... 415 V) 75 A (500 V) 58 A (690 V) 20 A |

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| Rated Operational Power AC-23A (P_e): | (220 ... 240 V) 22 kW (400 V) 37 kW (415 V) 37 kW (500 V) 37 kW (690 V) 18.5 kW |
| Rated Operational Voltage: | 750 V |
| Rated Short-time Withstand Current (I_{cw}): | for 1 s 1 kiloampere rms |
| Special Functions: | No |
| Standards: | IEC |
| Terminal Type: | Screw Terminals |

Certificates and Declarations (Document Number)

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|------------------------------------|-----------------|
| Data Sheet, Technical Information: | 1SCC301020C0201 |
| Declaration of Conformity - CE: | 1SCC301167D0201 |
| RoHS Information: | 1SCC301183D0201 |

Classifications

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|-----------------------------|--------------------------------|
| ETIM 5: | EC000216 - Switch disconnecter |
| Object Classification Code: | Q |