

General Information

Extended Product Type:	OT80FT3
Product ID:	1SCA105431R1001
EAN:	6417019393667
Catalog Description:	OT80FT3 switch-disconnector
Long Description:	3-pole, front operated, door mounted switch-disconnector / non-fusible disconnect switch with protected clamp terminals, handle is not included

Categories

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

Ordering

EAN:	6417019393667
Minimum Order Quantity:	10 piece
Customs Tariff Number:	85365080

Dimensions

Product Net Width:	65 mm
Product Net Height:	72 mm
Product Net Depth:	69 mm
Product Net Weight:	0.28 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	80 mm
Package Level 1 Height:	76 mm
Package Level 1 Length:	84 mm
Package Level 1 Gross Weight:	0.28 kg
Package Level 1 EAN:	6417019393667

Environmental

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

Maximum Operating Voltage UL/CSA:	600 V
Ampere Rating UL/CSA:	80 A
Horsepower Rating UL/CSA:	(acc. to UL 200 V) 20 Hp (acc. to UL 480 V) 40 Hp (acc. to UL 208 V) 20 Hp (acc. to UL 240 V) 20 Hp (acc. to UL 600 V) 40 Hp
Tightening Torque UL/CSA:	18 in-lb

Additional Information

Cable Cross-Section:	1.5...35 mm ² 1.5 ϕ 35 mm ²
Conventional Free-air Thermal Current (I _{th}):	q = 40 °C 80 A
Conventional Thermal Current (I _{the}):	Fully Enclosed 80 A
Dielectric Test Voltage:	6000 V
Earthing Switch Type:	No Additional Type
Handle Type:	Handle and shaft not included
IIT Publishing Status:	Level 0 - Information enabled
Includes:	None
Mounting Type:	Door Mounting
Number of Poles:	3
Operating Mode:	Front Operated
Order Multiple:	10 piece
Pollution Degree:	3
Position of Line Terminals:	Top In - Bottom Out
Power Loss:	at Rated Operating Conditions per Pole 4.5 W 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 (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-22A (I_e):	(500 V) 80 A (380 ... 415 V) 80 A (690 V) 80 A
Rated Operational Current AC-23A (I_e):	(500 V) 58 A (380 ... 415 V) 75 A (690 V) 20 A
Rated Operational Power AC-23A (P_e):	(500 V) 37 kW (690 V) 18.5 kW (400 V) 37 kW (415 V) 37 kW (220 ... 240 V) 22 kW
Rated Operational Voltage:	750 V
Rated Short-time Withstand Current (I_{cw}):	for 1 s 1 kiloampere rms
Special Functions:	No
Standards:	IEC 60947-3, UL 508 / CSA C22.2 NO.14
Switches Operating Mechanism:	Mechanism on Top of the Switch
Terminal Type:	Screw Terminals
Tightening Torque:	2 N·m

Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	1SCC301020C0201
Declaration of Conformity - CE:	1SCC301167D2704
RoHS Information:	1SCC301183D0201

Classifications

E-nummer:	3170948
ETIM 5:	EC000216 - Switch disconnector
Object Classification Code:	Q



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