

General Information

Extended Product Type:	OT80F4N2
Product ID:	1SCA105413R1001
EAN:	6417019393483
Catalog Description:	OT80F4N2 switch-disconnector
Long Description:	Front operated switch-disconnector. Types OT 16...125 include protected terminal clamps, IP 20.

Categories

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

Ordering

EAN:	6417019393483
Minimum Order Quantity:	10 piece
Customs Tariff Number:	85365080

Dimensions

Product Net Width:	64 mm
Product Net Height:	92 mm
Product Net Depth:	73 mm
Product Net Weight:	0.3 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	84 mm
Package Level 1 Height:	82 mm
Package Level 1 Length:	103 mm
Package Level 1 Gross Weight:	0.3 kg
Package Level 1 EAN:	6417019393483

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

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

Cable Cross-Section:	1.5...35 mm ²
Conventional Free-air Thermal Current (I_{th}):	$q = 40 \text{ }^{\circ}\text{C}$ 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:	4
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 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

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

Switches Operating Mechanism: Mechanism on Top of the Switch

Terminal Type: Screw Terminals

Certificates and Declarations (Document Number)

Data Sheet, Technical Information: 1SCC301020C0201

Declaration of Conformity - CE: 1SCC301167D0201

RoHS Information: 1SCC301183D0201

Classifications

ETIM 5: EC000216 - Switch disconnecter

Object Classification Code: Q

