



**Electric Automation**  
Automation specialists

Reference: OT100F8  
Code: 1SCA105022R1001

OT100F8 switch-disconnector

Buy it at Electric Automation Network



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

### Ordering

EAN:	6417019391533
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

### Dimensions

Product Net Width:	193 mm
Product Net Height:	100 mm
Product Net Depth:	86 mm
Product Net Weight:	1.2 kg

### Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	103 mm
Package Level 1 Height:	102 mm
Package Level 1 Length:	205 mm
Package Level 1 Gross Weight:	1.2 kg
Package Level 1 EAN:	6417019391533

### Environmental

RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01
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## Technical UL/CSA

Ampere Rating UL/CSA:	100 A
Horsepower Rating UL/CSA:	(acc. to UL 200 V) 25 Hp (acc. to UL 208 V) 25 Hp (acc. to UL 240 V) 30 Hp (acc. to UL 480 V) 50 Hp (acc. to UL 600 V) 50 Hp

## Additional Information

Cable Cross-Section:	10...70 mm <sup>2</sup>
Conventional Free-air Thermal Current ( $I_{th}$ ):	$q = 40 \text{ }^{\circ}\text{C}$ 115 A
Conventional Thermal Current ( $I_{the}$ ):	Fully Enclosed 115 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
Pollution Degree:	3
Position of Line Terminals:	Top In - Bottom Out
Power Loss:	at Rated Operating Conditions per Pole 0.36 W
Product Main Type:	OT100
Product Name:	Switch-disconnector
Rated Impulse Withstand Voltage ( $U_{imp}$ ):	8 kV
Rated Insulation Voltage ( $U_i$ ):	750 V
Rated Operational Current AC-21A ( $I_e$ ):	(690 V) 100 A (380 ... 415 V) 100 A (500 V) 100 A
Rated Operational Current AC-22A ( $I_e$ ):	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A ( $I_e$ ):	(690 V) 40 A (500 V) 60 A (380 ... 415 V) 80 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) 37 kW

Rated Operational Voltage:	750 V
Rated Short-time Withstand Current ( $I_{cw}$ ):	for 1 s 2.5 kiloampere rms
Special Functions:	No
Standards:	IEC
Terminal Type:	Screw Terminals

### Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	1SCC301020C0201
Declaration of Conformity - CE:	1SCC301168D0201
RoHS Information:	1SCC301183D0201

### Classifications

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