

### General Information

Extended Product Type:	OT100FT4N2
Product ID:	1SCA105031R1001
EAN:	6417019391618
Catalog Description:	OT100FT4N2 switch-disconnector
Long Description:	4-pole, front operated, door mounted switch-diconductor / non-fusible disconnect switch with protected clamp terminals, handle is not included

### Categories

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

### Ordering

EAN:	6417019391618
Minimum Order Quantity:	10 piece
Customs Tariff Number:	85365080

### Dimensions

Product Net Width:	97 mm
Product Net Height:	100 mm
Product Net Depth:	67 mm
Product Net Weight:	0.6 kg

### Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	109 mm
Package Level 1 Height:	79 mm
Package Level 1 Length:	112 mm
Package Level 1 Gross Weight:	0.6 kg
Package Level 1 EAN:	6417019391618

### 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

Maximum Operating Voltage UL/CSA:	600 V
Ampere Rating UL/CSA:	100 A
Horsepower Rating UL/CSA:	(acc. to UL 200 V) 25 Hp (acc. to UL 480 V) 50 Hp (acc. to UL 208 V) 25 Hp (acc. to UL 240 V) 30 Hp (acc. to UL 600 V) 50 Hp
Tightening Torque UL/CSA:	55 in-lb

### Additional Information

Cable Cross-Section:	10...70 mm <sup>2</sup> 10 70 mm <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> ):	q = 40 °C 115 A
Conventional Thermal Current (I <sub>the</sub> ):	Fully Enclosed 115 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:	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 0.36 W

at Rated Operating Conditions per Pole 4 W

<b>Product Main Type:</b>	OT100
<b>Product Name:</b>	Switch-disconnector
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	750 V
<b>Rated Operational Current AC-21A (<math>I_e</math>):</b>	(500 V) 100 A (380 ... 415 V) 100 A (690 V) 100 A
<b>Rated Operational Current AC-22A (<math>I_e</math>):</b>	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
<b>Rated Operational Current AC-23A (<math>I_e</math>):</b>	(380 ... 415 V) 80 A (500 V) 60 A (690 V) 40 A
<b>Rated Operational Power AC-23A (<math>P_e</math>):</b>	(500 V) 37 kW (690 V) 37 kW (400 V) 37 kW (415 V) 37 kW (220 ... 240 V) 22 kW
<b>Rated Operational Voltage:</b>	750 V
<b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>	for 1 s 2.5 kiloampere rms
<b>Special Functions:</b>	No
<b>Standards:</b>	IEC 60947-3, UL 98 / CSA C22.2 NO.4
<b>Switches Operating Mechanism:</b>	Mechanism on Top of the Switch
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	6 N·m

#### Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	1SCC301020C0201
<b>Declaration of Conformity - CE:</b>	1SCC301168D2702
<b>RoHS Information:</b>	1SCC301183D0201

#### Classifications

<b>ETIM 5:</b>	EC000216 - Switch disconnector
<b>Object Classification Code:</b>	Q

