

# OT100FT4N2



Products Low Voltage Products and Systems Switches Switch Disconnectors

## General Information

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

## Additional Information

<b>Ampere Rating UL/CSA:</b>	100 A
<b>Cable Cross-Section:</b>	10 ... 70 mm <sup>2</sup>
<b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b>	q = 40 °C 115 A
<b>Conventional Thermal Current (I<sub>the</sub>):</b>	Fully Enclosed 115 A
<b>Country of Origin:</b>	Finland (FI)
<b>Customs Tariff Number:</b>	85365080
<b>Data Sheet, Technical Information:</b>	1SCC301020C0201
<b>Declaration of Conformity - CE:</b>	1SCC301168D2702
<b>Dielectric Test Voltage:</b>	6000 V
<b>EAN:</b>	6417019391618
<b>ETIM 5:</b>	EC000216 - Switch disconnector
<b>Earthing Switch Type:</b>	No Additional Type
<b>Electrical Endurance:</b>	6000 cycle
<b>Environmental Information:</b>	1SCC301183D0201
<b>Handle Type:</b>	Handle and shaft not included
<b>Horsepower Rating UL/CSA:</b>	(acc. to UL 200 V) 25 Hp (acc. to UL 480 V) 50 Hp (acc. to UL 240 V) 30 Hp (acc. to UL 208 V) 25 Hp (acc. to UL 600 V) 50 Hp
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Includes:</b>	None
<b>Industrial IT Certification Level:</b>	0
<b>Instructions and Manuals:</b>	1SCC301057M0001
<b>Invoice Description:</b>	OT100FT4N2 switch-disconnector
<b>Maximum Operating Voltage UL/CSA:</b>	600 V
<b>Mechanical Endurance:</b>	10000 cycle
<b>Minimum Order Quantity:</b>	10 piece
<b>Mounting Type:</b>	Door mounting
<b>Number of Poles:</b>	4
<b>Object Classification Code:</b>	Q
<b>Switches Operating Mechanism:</b>	Mechanism on Top of the Switch
<b>Operating Mode:</b>	Front operated
<b>Order Multiple:</b>	10 piece
<b>Package Level 1 EAN:</b>	6417019391618
<b>Package Level 1 Gross Weight:</b>	0.6 kg
<b>Package Level 1 Height:</b>	79 mm

Package Level 1 Length:	112 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	109 mm
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
Price Category:	Standard
Product Main Type:	OT100
Product Name:	Switch-disconnector
Product Net Depth:	67 mm
Product Net Height:	100 mm
Product Net Weight:	0.6 kg
Product Net Width:	97 mm
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) 100 A (500 V) 100 A (690 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 ( $I_e$ ):	(380 ... 415 V) 80 A (500 V) 60 A (690 V) 40 A
Rated Operational Power AC-23A ( $P_e$ ):	(380 ... 415 V) 37 kW (500 V) 37 kW (690 V) 37 kW
Rated Operational Voltage:	750 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ ):	(690 V AC) 3.6 kA
Rated Short-time Withstand Current ( $I_{cw}$ ):	for 1 s 2.5 kiloampere rms
RoHS Information:	1SCC301183D0201
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01
Selling Unit of Measure:	piece
Short Description:	Front operated switch-disconnector
Special Functions:	No
Standards:	IEC 60947-3, UL 98 / CSA C22.2 NO.4
Terminal Type:	Screw Terminals
Tightening Torque:	6 N·m
Tightening Torque UL/CSA:	55 in·lb
Fourth Pole Type:	Switched - Simultaneous Function
Fourth Pole Position:	Right Side
Disconnect Switch Type:	Non-Fusible Disconnect Switch
Distance Between Phases:	Standard

