

# OT16F4N2



Products Low Voltage Products and Systems Switches Switch Disconnectors

## General Information

<b>Extended Product Type:</b>	OT16F4N2
<b>Product ID:</b>	1SCA104829R1001
<b>EAN:</b>	6417019389738
<b>Catalog Description:</b>	OT16F4N2 switch-disconnector
<b>Long Description:</b>	4-pole, front operated, base mounted, DIN-rail mountable switch-diconductor / non-fusible disconnect switch with protected clamp terminals, handle and shaft are not included

## Additional Information

<b>Ampere Rating UL/CSA:</b>	20 A
<b>Cable Cross-Section:</b>	0.75 ... 10 mm <sup>2</sup>
<b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b>	q = 40 °C 25 A
<b>Conventional Thermal Current (I<sub>the</sub>):</b>	Fully Enclosed 25 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>	1SCC301166D2703
<b>Dielectric Test Voltage:</b>	6000 V
<b>E-nummer:</b>	3170985
<b>EAN:</b>	6417019389738
<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) 3 Hp (acc. to UL 480 V) 10 Hp (acc. to UL 240 V) 5 Hp (acc. to UL 208 V) 3 Hp (acc. to UL 600 V) 10 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>	1SCC301052M0001
<b>Invoice Description:</b>	OT16F4N2 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>	Base 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>	6417019389738
<b>Package Level 1 Gross Weight:</b>	0.14 kg

Package Level 1 Height:	61 mm
Package Level 1 Length:	79 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	67 mm
Pollution Degree:	3
Position of Line Terminals:	Top In - Bottom Out
Power Loss:	at Rated Operating Conditions per Pole 0.3 W
Price Category:	Standard
Product Main Type:	OT16
Product Name:	Switch-disconnector
Product Net Depth:	56 mm
Product Net Height:	68 mm
Product Net Weight:	0.14 kg
Product Net Width:	48 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) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-22A ( $I_e$ ):	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-23A ( $I_e$ ):	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A ( $P_e$ ):	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Rated Operational Voltage:	750 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ ):	(690 V AC) 0.705 kA
Rated Short-time Withstand Current ( $I_{cw}$ ):	for 1 s 0.5 kiloampere rms
RoHS Information:	1SCC301183D0201
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q3
Selling Unit of Measure:	piece
Short Description:	Front operated switch-disconnector
Special Functions:	No
Standards:	IEC 60947-3, UL 508 / CSA C22.2 NO.14
Terminal Type:	Screw Terminals
Tightening Torque:	0.8 N·m
Tightening Torque UL/CSA:	7 in·lb
Fourth Pole Type:	Switched - Simultaneous Function
Fourth Pole Position:	Right Side
Disconnect Switch Type:	Non-Fusible Disconnect Switch
Distance Between Phases:	Standard

