

# OT125F4N2



Products Low Voltage Products and Systems Switches Switch Disconnectors

## General Information

<b>Extended Product Type:</b>	OT125F4N2
<b>Product ID:</b>	1SCA105051R1001
<b>EAN:</b>	6417019391816
<b>Catalog Description:</b>	OT125F4N2 switch-disconnector
<b>Long Description:</b>	4-pole, front operated, base mounted, DIN-rail mountable switch-diconductor with protected clamp terminals, handle and shaft are not included

## Additional Information

<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 125 A
<b>Conventional Thermal Current (I<sub>the</sub>):</b>	Fully Enclosed 125 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>	6417019391816
<b>ETIM 5:</b>	EC000216 - Switch disconnector
<b>Earthing Switch Type:</b>	No Additional Type
<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>Instructions and Manuals:</b>	1SCC301058M0001
<b>Invoice Description:</b>	OT125F4N2 switch-disconnector
<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>	6417019391816
<b>Package Level 1 Gross Weight:</b>	0.5 kg
<b>Package Level 1 Height:</b>	109 mm
<b>Package Level 1 Length:</b>	112 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	86 mm
<b>Pollution Degree:</b>	3

<b>Position of Line Terminals:</b>	Top In - Bottom Out
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 6.3 W at Rated Operating Conditions per Pole 0.36 W
<b>Price Category:</b>	Standard
<b>Product Main Type:</b>	OT125
<b>Product Name:</b>	Switch-disconnector
<b>Product Net Depth:</b>	74 mm
<b>Product Net Height:</b>	100 mm
<b>Product Net Weight:</b>	0.5 kg
<b>Product Net Width:</b>	97 mm
<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>	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
<b>Rated Operational Current AC-22A (<math>I_e</math>):</b>	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
<b>Rated Operational Current AC-23A (<math>I_e</math>):</b>	(500 V) 70 A (380 ... 415 V) 90 A (690 V) 50 A
<b>Rated Operational Power AC-23A (<math>P_e</math>):</b>	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
<b>Rated Operational Voltage:</b>	750 V
<b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b>	(690 V AC) 3.6 kA
<b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>	for 1 s 2.5 kiloampere rms
<b>RoHS Information:</b>	1SCC301183D0201
<b>RoHS Status:</b>	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q3
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	Front operated switch-disconnector
<b>Special Functions:</b>	No
<b>Standards:</b>	IEC 60947-3
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	6 N·m
<b>Fourth Pole Type:</b>	Switched - Simultaneous Function
<b>Fourth Pole Position:</b>	Right Side
<b>Distance Between Phases:</b>	Standard

