

# OT125F4N2



Products Low Voltage Products and Systems Switches Switch Disconnectors

## General Information

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

## Additional Information

Cable Cross-Section:	10 ... 70 mm <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> ):	q = 40 °C 125 A
Conventional Thermal Current (I <sub>the</sub> ):	Fully Enclosed 125 A
Country of Origin:	Finland (FI)
Customs Tariff Number:	85365080
Data Sheet, Technical Information:	1SCC301020C0201
Declaration of Conformity - CE:	1SCC301168D2702
Dielectric Test Voltage:	6000 V
EAN:	6417019391816
ETIM 5:	EC000216 - Switch disconnector
ETIM 6:	EC000216 - Switch disconnector
Earthing Switch Type:	No Additional Type
Environmental Information:	1SCC301183D0201
Handle Type:	Knob, Handle and shaft not included
Horsepower Rating UL/CSA:	(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
IIT Publishing Status:	Level 0 - Information enabled
Includes:	None
Instructions and Manuals:	1SCC301058M0001
Invoice Description:	OT125F4N2 switch-disconnector
Mechanical Endurance:	10000 cycle
Minimum Order Quantity:	10 piece
Mounting Type:	Base mounting
Number of Poles:	4
Object Classification Code:	Q
Switches Operating Mechanism:	Mechanism on Top of the Switch
Operating Mode:	Front operated
Order Multiple:	10 piece
Package Level 1 EAN:	6417019391816
Package Level 1 Gross Weight:	0.5 kg
Package Level 1 Height:	109 mm
Package Level 1 Length:	112 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	86 mm

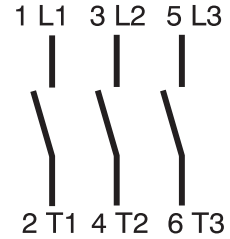
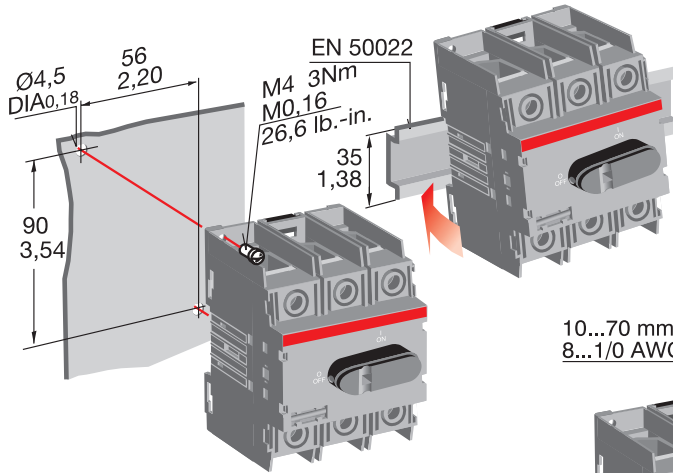
<b>Pollution Degree:</b>	3
<b>Position of Line Terminals:</b>	Top In - Bottom Out
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 6.3 W at Rated Operating Conditions per Pole 0.36 W
<b>Price Category:</b>	Standard
<b>Product Main Type:</b>	OT125
<b>Product Name:</b>	Switch-disconnector
<b>Product 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_b</math>):</b>	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
<b>Rated Operational Current AC-22A (<math>I_b</math>):</b>	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
<b>Rated Operational Current AC-23A (<math>I_b</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>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



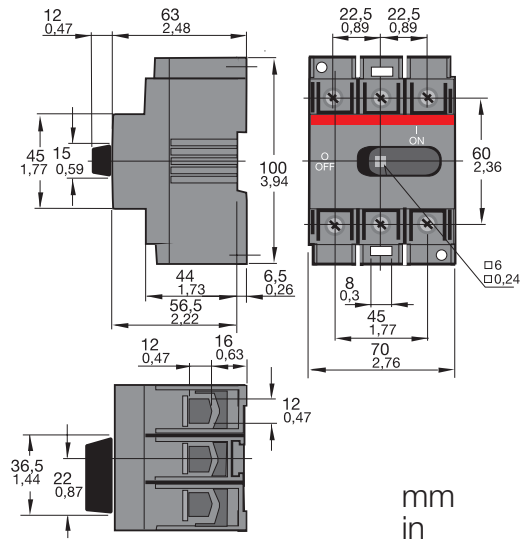
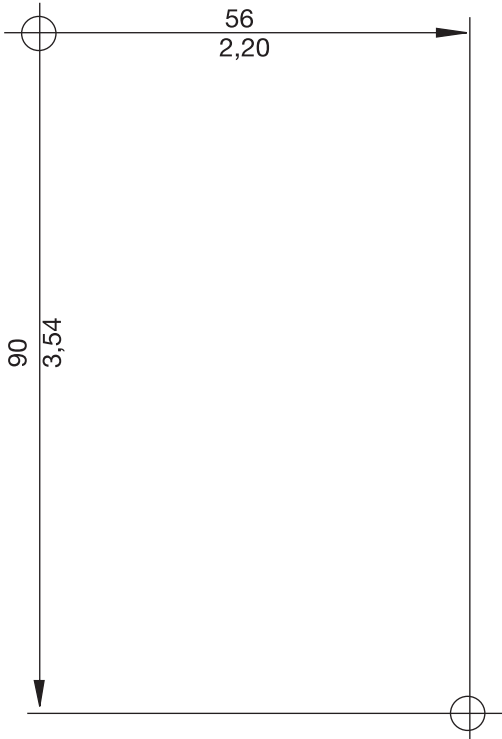
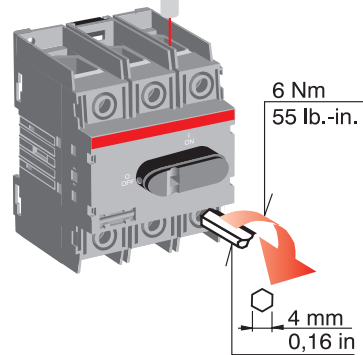
# OT100...125F3

1SCC301058M0001

34 OT125 F3 A



10...70 mm<sup>2</sup>  
8...1/0 AWG



mm  
in

# OT100...125F4

1SCC301058M0001

34 OT125F3 A

