

# OT125F3C



Products Low Voltage Products and Systems Switches Change-over and Transfer Switches Manual Change-over Switches

## General Information

<b>Extended Product Type:</b>	OT125F3C
<b>Product ID:</b>	1SCA105037R1001
<b>EAN:</b>	6417019391670
<b>Catalog Description:</b>	OT125F3C CHANGE-OVER SWITCH
<b>Long Description:</b>	Handle and shaft has to be ordered separately

## 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 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>	1SCC303003C0201
<b>Declaration of Conformity - CE:</b>	1SCC303021D0201
<b>E-number:</b>	3171266
<b>EAN:</b>	6417019391670
<b>ETIM 5:</b>	EC000216 - Switch disconnecter
<b>Handle Type:</b>	Handle and shaft not included
<b>Horsepower Rating UL/CSA:</b>	(acc. to UL 200 V) 30 Hp (acc. to UL 208 V) 30 Hp (acc. to UL 240 V) 30 Hp (acc. to UL 480 V) 50 Hp (acc. to UL 600 V) 50 Hp
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Industrial IT Certification Level:</b>	0
<b>Instructions and Manuals:</b>	1SCC303008M0203
<b>Invoice Description:</b>	OT125F3C CHANGE-OVER SWITCH
<b>Minimum Order Quantity:</b>	1 piece
<b>Mounting Type:</b>	Base mounting
<b>Number of Poles:</b>	3
<b>Object Classification Code:</b>	Q
<b>Switches Operating Mechanism:</b>	Mechanism on Top of the Switch
<b>Operating Mode:</b>	Front operated
<b>Package Level 1 EAN:</b>	6417019391670
<b>Package Level 1 Gross Weight:</b>	0.9 kg
<b>Package Level 1 Height:</b>	103 mm
<b>Package Level 1 Length:</b>	205 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	102 mm
<b>Pollution Degree:</b>	3
<b>Position of Line Terminals:</b>	Top In - Bottom Out, Bottom In - Top Out
<b>Power Loss:</b>	6.3 W
<b>Product Main Type:</b>	OT125_C
<b>Product Name:</b>	CHANGE-OVER SWITCH

<b>Product Net Depth:</b>	86 mm
<b>Product Net Height:</b>	100 mm
<b>Product Net Weight:</b>	0.9 kg
<b>Product Net Width:</b>	140 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>	(380 ... 415 V) 90 A (500 V) 70 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-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 Q4
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	Manual change-over switch, I-O-II -operation, open transition
<b>Transition Type:</b>	Open
<b>Distance Between Phases:</b>	Standard

