

PRODUCT-DETAILS

OT125F6

OT125F6 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT125F6
Product ID	1SCA105057R1001
EAN	6417019391878
Catalog Description	OT125F6 SWITCH-DISCONNECTOR
Long Description	6-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non- fusible diconnect switch with front protected clamp terminals, handle and shaft are not included

Ordering	
1 piece	
85365080	
Finland (FI)	

Popular Downloads	
Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301059M0005
Mechanical Drawings	1SCC301474F0001 1SCC301473F0001 OT100-125F6.igs

Dimensions	
Product Net Width	140 mm
Product Net Height	100 mm
Product Net Depth / Length	86 mm
Product Net Weight	1.1 kg

Technical	
Rated Operational	(380 415 V) 125 A
Current AC-21A (I _e)	(500 V) 125 A
Rated Operational	(690 V) 125 A (380 415 V) 125 A
Current AC-22A (I _e)	(500 V) 125 A
	(690 V) 125 A
Rated Operational	(380 415 V) 90 A
Current AC-23A (I _e)	(500 V) 70 A (690 V) 50 A
Rated Operational Power	(220 240 V) 22 kW
AC-23A (P _e)	(400 415 V) 45 kW
	(500 V) 45 kW (690 V) 45 kW
Conventional Free-air	q = 40 °C 125 A
Thermal Current (I _{th})	·
Conventional Thermal Current (I _{the})	Fully Enclosed 125 A
Rated Impulse	8 kV
Withstand Voltage (U _{imp})	
Rated Insulation Voltage	acc. to IEC/EN 60664-1 750 V
(U _i)	acci co 123/ 2110000 1 2 100 1
Rated Operational	Main Circuit 750 V
Voltage	
Rated Short-Circuit Making Capacity (I _{cm})	(690 V) 3.6 kA
Rated Short-time	for 1 s 2.5 kA
Withstand Current (I _{cw})	
Power Loss	at Rated Operating Conditions per Pole 6.3 W
Pollution Degree	3
Handle Type	Knob
Suitches Operating	Handle and shaft not included
Switches Operating Mechanism	Mechanism on Top of the Switch
Distance Between Phases	Standard
Position of Line	Top In - Bottom Out
Terminals	Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	6
Cable Cross-Section	Cu 1070 mm²
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000
Lock Type	No

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Horsepower Rating UL/CSA	(acc. to UL 200 V) 25 Hp (acc. to UL 480 V) 50 Hp
OL/ CSA	(acc. to UL 240 V) 30 Hp
	(acc. to UL 208 V) 25 Hp
	(acc. to UL 600 V) 50 Hp
Ampere Rating UL/CSA	100 A

Environmental	
RoHS Status	Following EU Directive 2011/65/EU
Environmental	1SCC301183D0201
Information	

Certificates and Declarations (Document Number)	
Declaration of Conformity - CE	1SCC301168D2702
Environmental Information	1SCC301183D0201
Instructions and Manuals	1SCC301059M0005
RoHS Information	1SCC301183D0202

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	103 mm
Package Level 1 Depth / Length	205 mm
Package Level 1 Height	102 mm
Package Level 1 Gross Weight	1.1 kg
Package Level 1 EAN	6417019391878

Classifications	
Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601415

Categories

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