

PRODUCT-DETAILS

OT25F8

OT25F8 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT25F8
Product ID	1SCA104882R1001
EAN	6417019390253
Catalog Description	OT25F8 SWITCH-DISCONNECTOR
Long Description	8-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non- fusible diconnect switch with protected clamp terminals, handle and shaft are not included

1 piece
85365080
Finland (FI)

Popular Downloads	
Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301055M0003
Mechanical Drawings	1SCC301444F0001 1SCC301443F0001 OT16-40F8.stp OT16-40F8.igs

Dimensions	
Product Net Width	96 mm
Product Net Height	96 mm
Product Net Depth / Length	68 mm
Product Net Weight	0.27 kg

Technical	
Rated Operational Current AC-21A (I _e)	(380 415 V) 25 A (500 V) 25 A (690 V) 25 A
Rated Operational Current AC-22A (I _e)	(380 415 V) 25 A (500 V) 25 A (690 V) 25 A
Rated Operational Current AC-23A (I _e)	(380 415 V) 20 A (500 V) 20 A (690 V) 11 A
Rated Operational Current DC-21B (I _e)	(750 V) 25 A (550 V) 25 A (800 V) 16 A
Rated Operational Power AC-23A (P _e)	(220 240 V) 4 kW (400 415 V) 9 kW (500 V) 9 kW (690 V) 9 kW
Conventional Free-air Thermal Current (I _{th})	q = 40 °C 32 A
Conventional Thermal Current (I _{the})	Fully Enclosed 32 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I _{cm})	(690 V) 0.71 kA
Rated Short-time Withstand Current (I _{cw})	for 1 s 0.5 kA
Power Loss	at Rated Operating Conditions per Pole 0.6 W
Pollution Degree	3
Handle Type	Knob Handle and shaft not included
Fourth Pole Position	Left and Right Side
Fourth Pole Type	Switched - Simultaneous Function
Switches Operating Mechanism	Mechanism on Top of the Switch
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3 / UL 508 / CSA C22.2 No. 14
Special Functions	No
Mounting Type	Base mounting
Number of Poles	8
Cable Cross-Section	Cu 0.7510 mm²
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 0.8 N·m

Mechanical Durability	20000
Lock Type	No

Maximum Operating Voltage UL/CSA	600 V
Horsepower Rating	(110 120 V AC) Single Phase 1.5 Hp
UL/CSA	(240 V AC) Single Phase 3 Hp
	(440 480 V AC) Single Phase 7.5 Hp
	(550 600 V AC) Single Phase 10 Hp
	(220 240 V AC) Three Phase 7,5 Hp
	(440 480 V AC) Three Phase 15 Hp
	(550 600 V AC) Three Phase 20 Hp
Ampere Rating UL/CSA	30 A
Tightening Torque UL/CSA	7 in-lb

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

Certificates and Declarations (Document Number)	
Declaration of Conformity - CE	1SCC301166D2703
Environmental Information	1SCC301183D0201
Instructions and Manuals	1SCC301055M0003
RoHS Information	1SCC301183D0202

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	80 mm
Package Level 1 Depth / Length	112 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	0.31 kg
Package Level 1 EAN	6417019390253

Classifications	
Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601434

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Categories

Low Voltage Products and Systems \rightarrow Switches \rightarrow Switch Disconnectors

