PRODUCT-DETAILS

OT25F6

OT25F6 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT25F6
Product ID	1SCA104880R1001
EAN	6417019390239
Catalog Description	OT25F6 SWITCH-DISCONNECTOR
Long Description	6-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non-fusible diconnect switch with protected clamp terminals, handle and shaft are not included

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301055M0003
Mechanical Drawings	1SCC301442F0001 1SCC301441F0001 OT16-40F6.igs

Dimensions

Product Net Width	70 mm
Product Net Height	68 mm
Product Net Depth / Length	68 mm
Product Net Weight	0.21 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 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
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	6
Cable Cross-Section	Cu 0.75...10 mm^2
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

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Horsepower Rating UL/CSA	(110 ... 120 V AC) Single Phase 1.5 Hp (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	108 mm
Package Level 1 Height	79 mm
Package Level 1 Gross Weight	0.25 kg
Package Level 1 EAN	6417019390239

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)	3601433

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

