PRODUCT-DETAILS

OT25F3

OT25F3 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT25F3
Product ID	1SCA104857R1001
EAN	6417019390000
Catalog Description	OT25F3 SWITCH-DISCONNECTOR
Long Description	3-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	10 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301052M0006
Mechanical Drawings	1SCC301434F0001 1SCC301433F0001 OT16-40F3.stp

OT16-40F3.igs

Dimensions

Product Net Width	35 mm
Product Net Height	68 mm
Product Net Depth / Length	56 mm
Product Net Weight	0.09 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 Low Voltage (I_{cw})	for 1 s 0.5 kA
Rated Conditional Short-Circuit Current (I_{nc})	(40 A fuse, ≤415V) 50 kA (25 A fuse, 690 V) 50 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	3
Cable Cross-Section	Cu 0.75 ... 10 mm²
Wire Stripping Length	Main Circuit 10 mm Main Circuit 0.38 in
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
Ampere Rating	30 A
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
Tightening Torque	acc. IEC 60947-1 0.8 N·m
Tightening Torque UL/CSA	7 in·lb

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301262D0201

Certificates and Declarations (Document Number)

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301166D2703
Environmental Information	1SCC301262D0201
Instructions and Manuals	1SCC301052M0006
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
UL Certificate	cULus certificate OT16-80
VDE Certificate	No certification needed

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	67 mm
Package Level 1 Depth / Length	79 mm
Package Level 1 Height	46 mm

Package Level 1 Gross Weight	0.1 kg
Package Level 1 EAN	6417019390000

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601428
E-Number (Sweden)	3170938

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

