PRODUCT-DETAILS

OT16FT3

OT16FT3 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT16FT3
Product ID	1SCA104838R1001
EAN	6417019389820
Catalog Description	OT16FT3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, door mounted switch-diconnector / non-fusible diconnect switch with protected clamp terminals, handle is 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	1SCC301056M0006
Mechanical Drawings	1SCC301438F0001 1SCC301437F0001 OT16-40FT3.igs

Dimensions

Product Net Width	43 mm
Product Net Height	54 mm
Product Net Depth / Length	52 mm
Product Net Weight	0.1 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 16 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 3 kW (400 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Conventional Free-air Thermal Current (I_{th})	q = 40 °C 25 A
Conventional Thermal Current (I_{the})	Fully Enclosed 25 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 0.3 W
Pollution Degree	3
Handle Type	Handle and shaft not included
	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	Door mounting
Number of Poles	3
Cable Cross-Section	Cu 0.75...10 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

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Horsepower Rating UL/CSA	(110 ... 120 V AC) Single Phase 1 Hp (240 V AC) Single Phase 2 Hp (440 ... 480 V AC) Single Phase 5 Hp (550 ... 600 V AC) Single Phase 7.5 Hp (220 ... 240 V AC) Three Phase 5 Hp (440 ... 480 V AC) Three Phase 10 Hp (550 ... 600 V AC) Three Phase 10 Hp
Ampere Rating UL/CSA	20 A
Tightening Torque UL/CSA	7 in·lb

Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SCC301262D0201

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301166D2703
Environmental Information	1SCC301262D0201
Instructions and Manuals	1SCC301056M0006
RoHS Information	1SCC301166D2703
UL Certificate	cULus certificate OT16-80

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	63 mm
Package Level 1 Depth / Length	65 mm
Package Level 1 Height	54 mm
Package Level 1 Gross Weight	0.11 kg
Package Level 1 EAN	6417019389820

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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601426
E-Number (Sweden)	3170944

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

