



PRODUCT-DETAILS

OT25FT3

OT25FT3 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT25FT3
Product ID	1SCA104884R1001
EAN	6417019390277
Catalog Description	OT25FT3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, door mounted switch-diconnector / non-fusible diconnect switch with protected clamp terminals, handle is not included

Eco Transparency	
Environmental Product Declaration - EPD	1SCC301278D0201

Environmental	
Environmental Information	1SCC301262D0201

Material Compliance		
Conflict Minerals Reporting Template (CMRT)		9AKK108467A5658
REACH Declaration		1SCC011021D0201
RoHS Information		1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019	
Toxic Substances Control Act - TSCA		1SCC011025D0201

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
Environmental Product Declaration - EPD		1SCC301278D0201

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) 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})		Θ = 40 °C 32 A
Conventional Thermal Current (I _{the})		Fully Enclosed 32 A
Rated Impulse		8 kV

Withstand Voltage (U _{imp})	
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	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	Door mounting
Number of Poles	3
Connecting Capacity Main Circuit	Flexible with Ferrule 1x Cu 0.75...4 mm ² Solid 1x Cu 0.75...6 mm ² Flexible 1x Cu 0.75...10 mm ² Stranded 1x Cu 0.75...10 mm ²
Cable Cross-Section	Cu 0.75 ... 10 mm ²
Wire Stripping Length	Main Circuit 9-10 mm
Recommended Screw Driver	Main Circuit Pozidriv 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
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
Wire Stripping Length	Main Circuit 9-10 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Tightening Torque	acc. IEC 60947-1 0.8 N·m
Tightening Torque UL/CSA	7 in·lb

Certificates and Declarations	
A2L Certificate – IEC	1SCC301335D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301166D2703
UL Certificate	cULus certificate OT16-80
VDE Certificate	No certification needed

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	6417019390277

Classifications	
Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601435
E-Number (Sweden)	3170945

Categories
Low Voltage Products and Systems → Switches → Switch Disconnectors

