



PRODUCT-DETAILS

OT125F3

OT125F3 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT125F3
Product ID	1SCA105033R1001
EAN	6417019391632
Catalog Description	OT125F3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-d disconnect switch with front protected clamp terminals. handle and shaft are not included
Eco Transparency	
Environmental Product Declaration - EPD	1SCC301280D0201
Environmental	
Environmental Information	1SCC301264D0201
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	1SCC301058M0008
Mechanical Drawings	1SCC301466F0001 1SCC301465F0001 OT100-125F3.iqs
Environmental Product Declaration - EPD	1SCC301280D0201

Dimensions

Product Net Width	70 mm
Product Net Height	100 mm
Product Net Depth / Length	74 mm
Product Net Weight	0.36 kg

Technical

Rated Operational Current AC-21A (I _e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A (I _e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I _e)	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A (P _e)	(220 ... 240 V) 22 kW (400 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Conventional Free-air Thermal Current (I _{th})	Θ = 40 °C 125 A
Conventional Thermal Current (I _{the})	Fully Enclosed 125 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) 3.6 kA
Rated Short-time	for 1 s 2.5 kA

Withstand Current Low Voltage (I_{cw})	
Rated Conditional Short-Circuit Current (I_{nc})	(125 A fuse, 415 V) 50 kA (125 A fuse, 690 V) 10 kA (63 A fuse, 690 V) 50 kA
Power Loss	at Rated Operating Conditions per Pole 6.3 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
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Connecting Capacity Main Circuit	Flexible 1x Cu 10...70 mm² Stranded 1x Cu 10...70 mm²
Cable Cross-Section	Cu 10 ... 70 mm²
Wire Stripping Length	Main Circuit 18-21 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000
Lock Type	No

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	100 A
Horsepower Rating UL/CSA	(acc. to UL 200 V) 25 Hp (acc. to UL 480 V) 50 Hp (acc. to UL 240 V) 30 Hp (acc. to UL 208 V) 25 Hp (acc. to UL 600 V) 50 Hp
Wire Stripping Length	Main Circuit 18-21 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	acc. IEC 60947-1 6 N·m

Certificates and Declarations

A2L Certificate - IEC	1SCC301335D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301168D2702
UL Certificate	cULus certificate OT30-125
VDE Certificate	No certification needed

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	81 mm
Package Level 1 Depth / Length	112 mm

Package Level 1 Height	86 mm
Package Level 1 Gross Weight	0.39 kg
Package Level 1 EAN	6417019391632

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)	3601409
E-Number (Sweden)	3170943

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

