



 PRODUCT-DETAILS

OT125F4N2

OT125F4N2 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT125F4N2
Product ID	1SCA105051R1001
EAN	6417019391816
Catalog Description	OT125F4N2 SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non-fusible diconnect switch with front protected clamp terminals, handle and shaft are not included

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Information	1SCC301264D0201
Environmental Product Declaration - EPD	1SCC301280D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

Toxic Substances
Control Act - TSCA

1SCC011025D0201

Eco Transparency

Environmental Product
Declaration - EPD

1SCC301280D0201

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

1SCC301468F0001
1SCC301467F0001
OT100-125F4N2.stp
OT100-125F4N2.igs

Environmental Product
Declaration - EPD

1SCC301280D0201

Dimensions

Product Net Width

96.5 mm

Product Net Height

100 mm

Product Net Depth /
Length

74 mm

Product Net Weight

0.49 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})

 $\Theta = 40 \text{ °C}$ 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 Withstand Current Low Voltage (I _{cw})	for 1 s 2.5 kA
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
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
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	4
Cable Cross-Section	Cu 10 ... 70 mm ²
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
Tightening Torque	acc. IEC 60947-1 6 N·m

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301264D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Certificates and Declarations

A2L Certificate – IEC	1SCC301335D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301168D2702
REACH Declaration	1SCC011021D0201
UL Certificate	cULus certificate OT30-125
VDE Certificate	No certification needed

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	86 mm
Package Level 1 Depth / Length	112 mm
Package Level 1 Height	109 mm
Package Level 1 Gross Weight	0.52 kg
Package Level 1 EAN	6417019391816

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
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)	3601413
E-Number (Sweden)	3171074

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

