




---

 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

---

### Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301058M0008
Mechanical Drawings	1SCC301468F0001 1SCC301467F0001 OT100-125F4N2.stp OT100-125F4N2.igs

---

### 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 ( $I_{th}$ )	q = 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 Withstand Current ( $I_{cw}$ )	for 1 s 2.5 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 <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000

---

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
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

Ampere Rating UL/CSA 100 A

## Environmental

RoHS Status Following EU Directive 2011/65/EU  
Environmental Information 1SCC301183D0201

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE 1SCC301168D2702  
Environmental Information 1SCC301183D0201  
Instructions and Manuals 1SCC301058M0008  
RoHS Information 1SCC301183D0202

## Container Information

Package Level 1 Units 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 5 EC000216 - Switch disconnecter  
ETIM 6 EC000216 - Switch disconnecter  
ETIM 7 EC000216 - Switch disconnecter  
UNSPSC 39122233  
WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm)  
E-Number (Sweden) 3171074

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

OT125F4N2





# SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

# [www.scatts.co.uk](http://www.scatts.co.uk)