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 PRODUCT-DETAILS

# OT125M3

## OT125M3 SWITCH-DISCONNECTOR




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**General Information**

Extended Product Type	OT125M3
Product ID	1SCA022429R9140
EAN	6417019135410
Catalog Description	OT125M3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-diconnector with protected clamp terminals, handle and shaft are not included, suitable for distribution board with 45mm slots

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**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

1 piece

Customs Tariff Number

85365080

Country of Origin

Finland (FI)

## Popular Downloads

Data Sheet, Technical  
Information

1SCC301020C0201

Instructions and  
Manuals

1SCC301058M0001

Environmental Product  
Declaration - EPD

1SCC301280D0201

## Dimensions

Product Net Width

100 mm

Product Net Height

70 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

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 ( $I_{th}$ )

 $\Theta = 40$  °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	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
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
Lock Type	No

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 6 N·m
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## 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

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301168D2702
REACH Declaration	1SCC011021D0201
UL Certificate	No certification needed
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	81 mm
Package Level 1 Gross Weight	0.39 kg
Package Level 1 EAN	6417019135410

## 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)	3601253
E-Number (Sweden)	2102732

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

