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 PRODUCT-DETAILS

# OT1000E12

## OT1000E12 SWITCH-DISCONNECTOR




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**General Information**

Extended Product Type	OT1000E12
Product ID	1SCA101547R1001
EAN	6417019364285
Catalog Description	OT1000E12 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconductor, handle and shaft are not included, terminal bolt kit included

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**Circular Value**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	1SCC301120M0201
Environmental Information	1SCC301233D0201
Environmental Product Declaration - EPD	1SCC301300D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

Toxic Substances  
Control Act - TSCA

1SCC011025D0201

## Eco Transparency

Environmental Product  
Declaration - EPD 1SCC301300D0201

## 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 1SCC301047M0213  
Mechanical Drawings 1SCC301496F0001  
1SCC301495F0001  
OT1250E12.igs  
Environmental Product  
Declaration - EPD 1SCC301300D0201  
End of Life Instructions 1SCC301120M0201

## Dimensions

Product Net Width 334.5 mm  
Product Net Height 306 mm  
Product Net Depth /  
Length 145.5 mm  
Product Net Weight 14.7 kg

## Technical

Rated Operational  
Current AC-21A ( $I_e$ ) (380 ... 415 V) 1000 A  
(500 V) 1000 A  
(690 V) 1000 A  
(1000 V) 1000 A  
Rated Operational  
Current AC-22A ( $I_e$ ) (380 ... 415 V) 1000 A  
(500 V) 1000 A  
(690 V) 1000 A  
Rated Operational  
Current AC-23A ( $I_e$ ) (380 ... 415 V) 1000 A  
(500 V) 1000 A  
(690 V) 1000 A  
Rated Operational Power  
AC-23A ( $P_e$ ) (400 ... 415 V) 560 kW  
(500 V) 710 kW  
(690 V) 1000 kW  
Conventional Free-air  
Thermal Current ( $I_{th}$ )  $\Theta = 40^\circ\text{C}$  1000 A  
Conventional Thermal  
Current ( $I_{the}$ ) Fully Enclosed 1000 A  
Rated Impulse  
Withstand Voltage ( $U_{imp}$ ) 12 kV

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Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I <sub>cm</sub> )	(690 V) 110 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 50 kA
Power Loss	at Rated Operating Conditions per Pole 19 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)
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
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Mechanical Durability	6000
Lock Type	No

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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## Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301233D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

## Certificates and Declarations

Declaration of Conformity - CE	1SCC301155D2704
DNV GL Certificate	1SCC301184D0203
REACH Declaration	1SCC011021D0201

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	400 mm
Package Level 1 Depth /	435 mm

Length	
Package Level 1 Height	170 mm
Package Level 1 Gross Weight	16 kg
Package Level 1 EAN	6417019364285

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## Classifications

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Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661618

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

