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**PRODUCT-DETAILS****OT160EV12****OT160EV12 SWITCH-DISCONNECTOR**

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**General Information**

Extended Product Type	OT160EV12
Product ID	1SCA120524R1001
EAN	6417019519845
Catalog Description	OT160EV12 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-disconnector, 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	1SCC301117M0201
Environmental Information	1SCC301265D0201
Environmental Product Declaration - EPD	1SCC301282D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

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Toxic Substances  
Control Act - TSCA

1SCC011025D0201

## Eco Transparency

Environmental Product  
Declaration - EPD

1SCC301282D0201

## Ordering

Minimum Order Quantity  
Customs Tariff Number  
Country of Origin

1 piece  
85365080  
Finland (FI)

## Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301228F0001 1SCC301227F0001 OT200-250E12.igs
Environmental Product Declaration - EPD	1SCC301282D0201
End of Life Instructions	1SCC301117M0201

## Dimensions

Product Net Width	150 mm
Product Net Height	145.5 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.3 kg

## Technical

Rated Operational Current AC-21A (I <sub>e</sub> )	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 200 A (1000 V) 200 A
Rated Operational Current AC-22A (I <sub>e</sub> )	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 160 A
Rated Operational Current AC-23A (I <sub>e</sub> )	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P <sub>e</sub> )	(220 ... 240 V) 48 kW (400 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW
Conventional Free-air Thermal Current (I <sub>th</sub> )	Θ = 40 °C 200 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 160 A
Rated Impulse	12 kV

Withstand Voltage (U <sub>imp</sub> )	
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) 30 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 8 kA
Power Loss	at Rated Operating Conditions per Pole 3.2 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 15 ... 22 N·m
Mechanical Durability	20000
Lock Type	No

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 ... 22 N·m
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## Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301265D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

## Certificates and Declarations

Declaration of Conformity - CE	1SCC301131D2705
DNV GL Certificate	1SCC301174D0204
REACH Declaration	1SCC011021D0201

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in

Package Level 1 Depth / Length	190 mm 7.5 in
Package Level 1 Height	145 mm 5.7 in
Package Level 1 Gross Weight	1.4 kg 3.2 lb
Package Level 1 EAN	6417019519845

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## Classifications

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

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

