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**PRODUCT-DETAILS****OT160EV12P****OT160EV12P SWITCH-DISCONNECTOR**

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**General Information**

Extended Product Type	OT160EV12P
Product ID	1SCA120529R1001
EAN	6417019519906
Catalog Description	OT160EV12P SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconductor with black IP65 handle and shaft, terminal bolt kit included

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**Circular Value**

End of Life Instructions	1SCC301117M0201
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**Eco Transparency**

Environmental Product Declaration - EPD	1SCC301282D0201
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**Environmental**

Environmental Information	1SCC301265D0201
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**Material Compliance**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	cd4700c3-cc64-4d9b-8e03-12ab9905205b Finland (FI)
Simplified SCIP	eddbcc69-8541-4193-adb0-e65ec41261ab Germany (DE) 56c27b95-5c54-41ac-9d8a-afbacec35fdc Sweden (SE) c9ebde99-6141-4d62-8ca9-d423f23302f5 Germany (DE) 90fc654a-8b46-4824-9bb9-d738dcd52829 Bulgaria (BG) dcd43197-8cb2-4520-9a4a-9c9c2ab68e2a Norway (NO) d1851749-b9b5-4531-963b-ccb05e925a5d Poland (PL) 4faefdc1-06ab-4744-a6ca-b0186e4afca0 France (FR) 507975fc-7746-4295-8f14-d8380d58c7c4 Germany (DE) ce306f9f-0ad5-4974-9736-670e26ebfdb1 Hungary (HU) 6785ab9d-f752-4d1d-9885-e1ad61a36dd1 Germany (DE) 3e11d6d9-6205-468c-8064-1e1da8ec6e0f Belgium (BE) c638e0f9-5710-496b-9627-81f6b4adc85c Denmark (DK) b7fd84a4-2aa5-4630-998a-f3cdaabaf9e2 Poland (PL) df67ea0e-58a1-4d6b-8991-1e6218ca8acf France (FR) 3107a5dc-c45a-4eba-973c-57fd3cae5fa0 Sweden (SE) 5f9555fe-2d10-4379-a447-c50bb05286b0 Italy (IT) 29c959e4-dc5e-4303-b558-c0c3d6aefd38 Hungary (HU) 1d160afd-c67e-44ac-826c-8a8c23220e75 Netherlands (NL) 8ede37cd-53ca-40f3-9d00-d060df8fcfab Estonia (EE) 314fa62d-1722-47bc-aafa-b1cec1550811 Belgium (BE) d55c339a-f23b-4626-9a16-7cd988bc9a82 Spain (ES) 3be513b9-46aa-41e2-860d-3af891a80aa5 Poland (PL) e0c1eb6d-c817-4992-920d-5aaa8b3eb90d Greece (GR) b402be91-e6bd-4dfd-9e5d-46055f02c5e8 Portugal (PT) 8c4ddaf2-d16d-4458-9583-6d8fe307bb61 Germany (DE) 8b8c68a5-10c5-4ecc-9fb6-78a687a86ba5 Croatia (HR) b6a510fa-7d48-4dbf-a0d9-9772b31322be Czech Republic (CZ)
Toxic Substances Control Act - TSCA	1SCC011025D0201

**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	1SCC301031M0220
Mechanical Drawings	1SCC301228F0001 1SCC301227F0001 OT200-250E12.igs
Environmental Product Declaration - EPD	1SCC301282D0201

**Dimensions**

Product Net Width	150.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.5 kg

**Technical**

Rated Operational Current AC-21A (I <sub>e</sub> )	(380 ... 415 V) 200 A (500 V) 200 A (690 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> )	Ø = 40 °C 200 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 160 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	12 kV
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
Rated Conditional Short-Circuit Current (I <sub>nc</sub> )	(315 A fuse, 500 V) 100 kA (355 A fuse, 690 V) 80 kA (250 A fuse, 690 V) 100 kA
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Pollution Degree	3
Handle Color	Black
Handle Type	Handle and shaft 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	Yes

### Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 ... 22 N-m
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### Certificates and Declarations

A2L Certificate – IEC	1SCC301337D0201
ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301131D2705
DNV GL Certificate	1SCC301174D0204
UL Certificate	No certification needed
VDE Certificate	No certification needed

### 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	1.6 kg 3.6 lb
Package Level 1 EAN	6417019519906

### Classifications

Object Classification Code	Q
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)	3601364
E-Number (Sweden)	3170910

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

