PRODUCT-DETAILS

OT160EV04WP

OT160EV04WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160EV04WP
Product ID	1SCA120523R1001
EAN	6417019519838
Catalog Description	OT160EV04WP SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, wide phase distance, terminal bolt kit included

ABB EcoSolutions

End Of Life Disassembling Instructions	1SCC301117M0201
Environmental Information	1SCC301265D0201
Environmental Product Declaration - EPD	1SCC301282D0201

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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	e58462e0-9283-4ca1-9c24-85b6baa5459b Finland
Simplified SCIP	508a7034-2f2c-435d-a72c-6c8bd86d6a68 Germany 9ebd71ca-cef5-4c60-aa53-c017fa65980c Belgium 9009c27c-ee39-4679-b4ed-10021dfcb8e4 Norway 9cfe7fa3-094a-4650-b9c3-b046800f5e57 Spain e0b5c908-89d3-4b75-ad48-0e0d32695515 Poland bf35c05c-f909-49ad-8603-b54b9682e4fa Germany 74c898d5-cbfe-459f-b2c6-7cacee6a2973 Denmark 7e0810e8-f79c-4009-9f3b-c365171581f4 Germany 366b5031-54a7-48d4-872f-e233525063a8 Croatia 5ab2c5cd-6fa8-4bc6-8618-6c2104a2f1ab Czech Republic 92f79dc0-6c42-4258-8d6b-fb153adf5791 Poland 66ffef89-4b26-4224-a0c2-8936a410fb2e Germany 06ef1aa5-bae4-43e0-9c39-d1ca6bd3ccfb Germany c71236b7-1493-4b7e-877c-8930b3e5eaf4 Estonia b5ba1342-2c82-4a7a-a58e-158067cf88be France 1193369f-b2bb-4edc-b5ae-80bbfbab4b17 Poland 6a4070e2-67a9-415f-93df-c8231db2137b France 4f04532a-aea8-40f0-9de1-affb1fc5886b Hungary f33b726e-1633-4137-9361-ed5e8e7f56a5 Belgium b9a00fc9-7923-453e-8e47-efc20c7c8a83 Italy fa875767-000d-4ba3-9be3-c5b80b73bc05 Netherlands 33bbaadd-e128-40c3-8cc1-a5a48563001a Hungary 634575f4-b5df-47dd-af76-681402b0084e Sweden e45697e4-ab43-498e-a774-a42c7f281e23 Bulgaria 228e109b-f55e-4813-9b60-a3c33283f0bb Greece 1c4dbba5-1f64-4d9c-a348-31cd509785a8 Portugal 83178269-45c7-412a-9ea7-2943960a7799 Sweden
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301292F0001 1SCC301291F0001 OT200-250E04W.stp OT200-250E04W.igs
Environmental Product Declaration - EPD	1SCC301282D0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301265D0201
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece

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Customs Tariff Number	85365080
Country or Territory of Origin	Finland

Dimensions

Product Net Width	212.5 mm
Product Net Height	170 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.64 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	190 mm
Package Level 1 Depth / Length	110 mm
Package Level 1 Height	290 mm
Package Level 1 Gross Weight	2.02 kg
Package Level 1 EAN	6417019519838

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 200 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Degree of Protection	Front IP00
Distance Between Phases	Wide phase distance
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft included
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Rated Conditional Short-Circuit Current (I_{nc})	(315 A fuse, 500 V) 100 kA (355 A fuse, 690 V) 80 kA (250 A fuse, 690 V) 100 kA
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 200 A
Rated Operational	(380 ... 415 V) 200 A

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Current AC-22A (I_e)	(500 V) 200 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 48 kW (400 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kA
Special Functions	Wide phase distance
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 15 … 22 N·m

Technical UL/CSA

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

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

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122221
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601369

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Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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