PRODUCT-DETAILS

OT160EV03P

OT160EV03P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160EV03P
Product ID	1SCA120514R1001
EAN	6417019519746
Catalog Description	OT160EV03P SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, terminal bolt kit included

ABB EcoSolutions

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

Material Compliance

Conflict Minerals	9AKK108467A5658

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Reporting Template (CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	cbbdde5d-0476-4256-b0a6-99021813cb77 Finland (FI)
Simplified SCIP	e738440d-d699-4eb8-bbb3-a6417c3c5d0d Germany (DE) fd00d2db-fd8c-4a19-9e74-bee33bfe98f2 Germany (DE) db320232-4040-473b-82d3-b20dd6362c84 Poland (PL) 6d82da53-f02a-4bd5-b7bf-8151a013672d Denmark (DK) 4faa3049-aa71-46e4-8471-4bb516e0e419 Bulgaria (BG) 42dfbc85-c397-42b4-8259-ab26da7856ef Sweden (SE) fe81d82d-74da-4dd5-a601-84e1d04df910 Portugal (PT) 45377d1a-f364-4ca7-97ef-07cb9c22ab86 France (FR) 20525649-bda1-48ee-a873-9888b7be04aa Germany (DE) e08746fc-1345-4868-8e36-c74045a0b555 Hungary (HU) a3749e68-d5d4-4c56-916f-031a95aa117b Italy (IT) 1606edbb-c59d-47e3-8ff4-4fd025651abb France (FR) b654b4c9-4d34-4dc2-b568-9ed61d386b10 Hungary (HU) fc77b896-ff1b-4745-8623-60d5ba31f03a Netherlands (NL) a32280a0-3fc0-4b7a-9b3f-ab69d2c8ef0b Estonia (EE) 47e1e57a-6fb1-411b-9b22-9a73ef0d1944 Sweden (SE) 841fa436-a289-4ac7-be96-fe433f803dd3 Norway (NO) 83ed38fc-cc21-4caa-b19f-ec4ae9106d42 Belgium (BE) f544eeaa-88c7-4aea-8ffb-13cbaa5af761 Spain (ES) 2e837f9d-132c-45e7-800d-a269543907a2 Belgium (BE) f4ec2c48-9df5-4e21-b14a-23571e17c2a4 Poland (PL) 69e48563-c6cf-4c03-a77f-4b1cde3a23ed Croatia (HR) 17ed3a87-70fa-4d57-9e91-df1f4254191b Germany (DE) 87763e40-03ff-43ba-8fda-b80085e4ce61 Czech Republic (CZ) 167fe0e3-8b5f-433c-a9ee-7d39fd9b69c4 Greece (GR) f7ad9942-59b7-434d-a960-59d376feb71b Poland (PL) 170edafc-742d-49ce-b664-342a5c65b838 Germany (DE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC307633F0001 1SCC307632F0001 OT200-250E03.stp OT200-250E03.igs
Environmental Product Declaration - EPD	1SCC301282D0201
End of Life Instructions	1SCC301117M0201

Environmental

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

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

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Country of Origin	Finland (FI)

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

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	1.5 kg 3.2 lb
Package Level 1 EAN	6417019519746

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 200 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 200 A (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
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 200 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
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
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
Power Loss	at Rated Operating Conditions per Pole 3.2 W

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Pollution Degree	3
Handle Color	Black
Handle Type	Handle and shaft included
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
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

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

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601362
E-Number (Sweden)	3170908

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Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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