PRODUCT-DETAILS

OT160EV03WP

OT160EV03WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160EV03WP
Product ID	1SCA120517R1001
EAN	6417019519760
Catalog Description	OT160EV03WP SWITCH-DISCONNECTOR
Long Description	3-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	d1b4fafb-6443-4810-b323-bfda37e3ba25 Finland
Simplified SCIP	72748597-68ab-48a3-8f61-027ce552acaf Germany 351293ca-d2e2-4f9b-a131-94367e810b87 Germany 2e2206cf-dc85-40cc-83b4-74443f10ba77 Greece 86ac1f46-68a3-4a82-b121-d112bb36e87a Portugal 88fbd808-40b2-43c4-a892-74a9aec5664d France 7eac4e2d-605a-469c-aa2d-edc16e4ad949 Germany b833d077-19d1-46c7-ad3b-4b1e0171c94e Germany 6fbe3ee6-f7ba-4a7d-a4cc-e098e9def35f Poland 793910be-bb68-4eef-a9fa-0504edda3a1f Czech Republic db084765-2917-442f-a1b6-1f5b614365b0 Croatia 46658f35-0543-440b-b9de-d060adf3a971 Germany 55600599-7e12-4082-969e-17bab3fdaec2 Estonia 9631e311-f449-4883-8144-fa74aed1c400 Denmark 23895bb1-df12-4d3f-994e-152e72e77ae1 Italy 8cc91543-b601-4ca3-9a6a-dc89bccf1e61 Belgium 85b15605-0a3a-4d14-9770-61b5c07d238d France 96a14abc-e546-4e22-b000-a5a948c99c3c Poland 02c49980-ede8-4859-8727-04d7595510a5 Hungary b863e5b4-1c34-4933-b4e7-6a76451d82cd Netherlands f49de023-3495-49f8-8551-c629e8c74018 Hungary 79b68b82-90e2-4eaa-8b17-95766578ea19 Sweden 725043f0-cf7c-4f42-8010-ad0dc8b05212 Sweden d25cc564-c1e8-4e1d-8062-4dc070f20bda Bulgaria f91ced66-e044-4e4e-88ed-ae685e6f4aab Spain 2a67dc8f-d470-49d6-a92d-63e4fe4e6558 Poland 9e7546db-a848-46ae-a5de-c197c36445cc Norway 50e1df8e-29da-45d2-b4bb-ef4bd213edd4 Belgium
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301290F0001 1SCC301289F0001 OT200-250E03W.stp OT200-250E03W.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	169.5 mm
Product Net Height	170 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.4 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	190 mm 7.5 in
Package Level 1 Depth / Length	290 mm 11.4 in
Package Level 1 Height	110 mm 4.3 in
Package Level 1 Gross Weight	1.5 kg 3.4 lb
Package Level 1 EAN	6417019519760

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
Handle Color	Black
Handle Type	Handle and shaft included
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	3P
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 Current AC-22A (I_e)	(380 ... 415 V) 200 A (500 V) 200 A

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	(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 03 (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)	3601368

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Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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