PRODUCT-DETAILS

OT160EV22WP

OT160EV22WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160EV22WP
Product ID	1SCA120539R1001
EAN	6417019520063
Catalog Description	OT160EV22WP 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	00ad30ee-e5e4-4f75-a73b-ec3fca817959 Finland
Simplified SCIP	a1d1d8ab-7d88-4dad-9a02-b96fed4296bf Germany a9f0ebae-0b83-4366-9fa1-05445afbe846 Germany 8e570f6e-0155-46a0-8c6d-76f427afd332 Denmark 21c058c3-94b8-4e12-9fa2-68e48764db71 Germany d29ea82c-6f48-45ba-a0f3-73dd6d051d5f Croatia 23590be7-c6d0-433b-9a2e-e1c4f8ed6563 Germany 884d403a-922b-4bd6-84a5-7948055469d4 Germany 31b979da-1f6b-4865-9bd8-8ed96aef6156 Poland 7548f74a-bb68-4060-b9bf-23d07bd6e102 Czech Republic 78afc03e-5501-4a1f-8ad5-61c84a286b38 Estonia a44431bd-07d4-42f5-b0c6-eb30a25b7ec7 France 19b63b3a-3716-49d5-a710-072633802578 Poland 6efc3dfc-5d7f-43ad-8b53-1e9906afd3fd Sweden 68aa4b12-3449-4809-a488-b25dcdef90c0 Hungary 32a3e1d7-56c0-41b3-805b-71e5369413e4 France c9525bfe-fad2-4068-886f-f21e710143e5 Belgium eed0c5e8-8095-4b76-9b78-7825318b53ed Italy 9291a8fa-c952-49c8-90dd-d3b330c18c5e Netherlands 3ac10f89-328a-44de-8c58-7a0bf3c5a11e Hungary 61d7ca69-c4d0-412d-9996-13121ff92572 Sweden a416ff48-48ea-47e1-b36f-31a7aa01c0e6 Bulgaria e4435675-fe71-4f5d-a394-f740b87235bb Greece 4cd7ead8-c65d-4f87-aee5-f0ef7748bfb9 Portugal 8adab567-65b3-48d9-b43b-74f6e865f255 Poland 553979bc-2f35-4f34-bdd9-59493e850628 Spain 3a6e71d5-1025-4245-93c2-f0591d3af1b4 Belgium 01a9dbb7-21e1-4c0b-9824-1cd1b5f68610 Norway
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301296F0001 1SCC301295F0001 OT200-250E22W.stp OT200-250E22W.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	217.5 mm
Product Net Height	170 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.3 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	2.4 kg 5.3 lb
Package Level 1 EAN	6417019520063

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

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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
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 Between the Poles 22 (Between the Poles)
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)	3601393

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Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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