PRODUCT-DETAILS

OT250E03WP

OT250E03WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E03WP
Product ID	1SCA022744R3560
EAN	6417019241418
Catalog Description	OT250E03WP 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 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	9d2fd67a-f690-4bf2-b98b-8d1174018ee9 Finland (FI)
Simplified SCIP	ab95594a-afae-43d6-b9d4-9693f3d1ed0b Germany (DE) 1c66e088-2940-40c2-a266-cca7762f8ee8 Belgium (BE) 7c377033-a217-4b8d-a9c2-75a24b0a2d8f Italy (IT) 4b495af2-e067-4217-9dcd-107678ff1413 Germany (DE) ec62897e-a723-4ece-b6c5-c942e2fc6503 Hungary (HU) 2098dd86-fae7-4fe7-a7ac-3f1e6729262a Netherlands (NL) f5fb0cb5-75fb-46c7-a1cb-04e6c3d7c60c Sweden (SE) 2189db65-0c68-42fc-8491-c652ffaa92d0 Poland (PL) bb37739a-45e0-4765-8fd4-afdd2fe2d8a8 Sweden (SE) ff2cb2e1-73ad-4af3-b605-9f2112a2cfa1 Germany (DE) 53c247a3-ea1d-4488-a91a-a46139162232 Portugal (PT) 30aa7913-265a-43a6-8ece-75919e3615d3 Poland (PL) f37d1b84-ee7a-4369-a190-809344fc7ffa Estonia (EE) 006669de-fd9a-4905-8d7f-e4fb6190d563 Greece (GR) 6f0e0560-4060-4df5-b979-0e3c3f72c62f Bulgaria (BG) dec43b05-783a-4935-be7c-922b30e339bd Norway (NO) aa4fd932-1cf1-46c6-a478-c507aa7ef8a0 France (FR) 16110378-d1c0-46d1-9c84-d9a3faee245e Poland (PL) 9c5e5a1f-057a-439a-a5d8-61cdd0852be8 Spain (ES) 74e6ea84-c8bc-4cd1-8b26-6bfcd6de58c3 Belgium (BE) 8a2b0926-999b-44a0-af9f-57eb00240450 Hungary (HU) 910c4e23-6a9f-485e-93ef-bed8730c69df Czech Republic (CZ) fda1dead-6015-42eb-90d1-c3636681e9a6 Germany (DE) b44f5f6f-711a-4466-8655-fe9a1f84d190 Denmark (DK) 1b8e8ad8-8fd0-420c-b99e-cc9f50d0eea5 Croatia (HR) 1f63380c-2bf4-4f3b-98b8-711074efc6d7 France (FR) ea8683a2-cc66-424b-8750-26456e08e6b8 Germany (DE)
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
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	169.5 mm
Product Net Height	170 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.5 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	1.7 kg 3.7 lb
Package Level 1 EAN	6417019241418

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 250 A
Conventional Thermal Current (I_{the})	Fully Enclosed 250 A
Degree of Protection	Front IP00
Distance Between Phases	Wide phase distance
Handle Color	Black
Handle Type	Handle and shaft included
Lock Type	Yes
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 6.5 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) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A

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Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 250 A (500 V) 250 A (690 V) 250 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 75 kW (400 ... 415 V) 145 kW (500 V) 170 kW (690 V) 250 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
Terminal Width	20 mm
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
BV Certificate	1SCC301103D0201
Declaration of Conformity - CE	1SCC301131D2705
DNV GL Certificate	1SCC301174D0204
GL Certificate	1SCC301139D0201
LR Certificate	1SCC301144D0201
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)	3661328
E-Number (Norway)	4337884
E-Number (Sweden)	3171190

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Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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