PRODUCT-DETAILS

OT250E12WP

OT250E12WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E12WP
Product ID	1SCA022745R0000
EAN	6417019241692
Catalog Description	OT250E12WP 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 Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201

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RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	abf2ff94-3064-4e3e-bb29-dbff40b347d6 Finland (FI)
Simplified SCIP	1c93b357-5438-4177-b4e3-17e634c2e522 Germany (DE) 9143f3a2-1531-4d7f-a5fb-f85e6875a7d9 Sweden (SE) dc7d42b0-0cc9-4c7f-97f7-013bbf42dda4 Poland (PL) 79382cdf-f04d-4e8e-b6d5-05ccbd6ae995 Germany (DE) a4e99a20-a91d-465f-981f-0e3eb4329f1c Poland (PL) 9109410c-4031-49d2-a49d-c5b386738507 Spain (ES) cc8b3a0c-a305-42df-add8-66998244fd16 Denmark (DK) 9fd94788-3bcf-40ae-9ccb-e9064d892cd9 Belgium (BE) 09efe703-2023-404c-bc32-a58eac735586 Belgium (BE) e5a2db91-f5fc-46af-a346-b291386db86f Greece (GR) 2ae5992d-591d-430f-954a-e7c34074494d Portugal (PT) f881e589-1599-41c2-9ac3-fae3c5b5ff80 Netherlands (NL) 8f63c77a-35c4-4ffb-8744-5af8fb33a0fb Germany (DE) e15f2f56-9d79-4e01-8b9c-735d11b43dec Sweden (SE) f4b7ce54-223c-429a-b300-e5a03f91f479 Germany (DE) dd82f87a-f81a-42cd-bd4e-2ab23130f1a5 France (FR) 9fee1051-9dda-4aa3-9e9d-36a4a7aba434 Hungary (HU) b16f84b8-6379-4542-b738-5e5ff3b97940 Italy (IT) 9c00bda7-23e5-499d-a9b5-0d464dc8ad71 Germany (DE) 549cebe2-55ad-4899-b18d-8f865ce228b6 Czech Republic (CZ) 0a9e895b-09a6-4e04-a3dd-16bd511dd721 Poland (PL) 57179fdc-50b9-4f56-aa46-2802a773c7f1 Estonia (EE) 26a2aabe-f2e3-4192-9a97-59d5c4fb8641 Hungary (HU) 5d7e6a19-5059-4799-abc5-53fec007aa65 Croatia (HR) 72d14a51-d64b-45ac-826a-d55e6276b9ca Norway (NO) 2e437ca1-cc6d-47b6-9c98-afbe1de05702 France (FR) c22b521e-9ecf-485f-b17b-3a7b62cec57b Bulgaria (BG)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301294F0001 1SCC301293F0001
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
Country of Origin	Finland (FI)

Dimensions

Product Net Width	174.5 mm
Product Net Height	170 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.5 kg

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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	6417019241692

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
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 Between the Poles 12 (Between the Poles)
Terminal Type	Lug terminals
Terminal Width	20 mm

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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)	3661332
E-Number (Norway)	4337886
E-Number (Sweden)	3171192

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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