PRODUCT-DETAILS

OT250E12P

OT250E12P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E12P
Product ID	1SCA022721R4110
EAN	6417019231785
Catalog Description	OT250E12P 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 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	04313dfc-b0a3-49fe-a816-5b838f637b5b Finland (FI)
Simplified SCIP	4c1c9b3c-9832-4ca1-a347-2c5916d7edb1 Germany (DE) 089da907-c4ec-4675-821b-70c5d0026c96 Greece (GR) 6d7282e1-37ef-49d1-a8ab-ef3613f949d0 Bulgaria (BG) 77f3579e-79b2-4f06-ad08-a297b6fc3c4f Estonia (EE) c075ade7-1e94-401f-8bae-586584645461 France (FR) 0322fd49-7840-4411-bcae-f8298182809e Italy (IT) f0205cc0-b3ce-495b-ab95-a583ba1bdd50 Germany (DE) 7a86540b-900c-44dd-8928-4a3856604b3f Belgium (BE) 71badef9-cf9e-490c-ad5e-dbc2a87fc983 Norway (NO) 0cfc84dc-6e00-4ddb-b563-8c1fa8faf3cf Germany (DE) fc3ef352-6456-4189-aa0c-ad83cbdf70b6 Poland (PL) 279c60f8-aab3-42a4-87c6-5f7f64d1dca7 Sweden (SE) 325f1299-9188-40dd-bad0-4615ef16181d Sweden (SE) 677223de-83be-418b-b478-3b8ea77d6364 Spain (ES) 7697bff8-baa6-44c7-9169-c976bc0f3648 Hungary (HU) 1b3d5a71-a6cf-4e9b-a899-1ecace2e4838 Croatia (HR) a960776b-deed-435e-802e-daeda9385cd1 Czech Republic (CZ) 919f3f7c-daa4-4da2-a60a-9d4f1bdfb090 Denmark (DK) 5639fb6e-bf3d-4d82-aec0-3e4478377ae0 Poland (PL) 2c69f9c3-f290-47a1-b38a-339e6d6d10ed Netherlands (NL) 6ea027cc-994c-4d3b-a21a-5c8cd5ed6caa Hungary (HU) ee943d1a-5f3c-4b3c-b7be-d38b30f629d7 Portugal (PT) 1226e094-0014-4e4f-a11f-493de6dfd58d Belgium (BE) 399bd626-279e-499e-ad8b-3edc169e1f60 Germany (DE) dc40006a-d5c0-4f4e-bb2c-1f9b2a219f94 France (FR) edeb0740-d394-44a6-8dd8-4ec183ea6c1c Poland (PL) cda4443b-c95f-4162-ac8b-939d261be565 Germany (DE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301228F0001 1SCC301227F0001 OT200-250E12.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
Country of Origin	Finland (FI)

Dimensions

Product Net Width	150.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.4 kg

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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 3.3 lb
Package Level 1 EAN	6417019231785

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	Standard
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	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)
Terminal Type	Lug terminals

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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)	3661362
E-Number (Norway)	4337860
E-Number (Sweden)	3171164

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

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