PRODUCT-DETAILS

OT250E04P

OT250E04P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E04P
Product ID	1SCA022710R0520
EAN	6417019225982
Catalog Description	OT250E04P SWITCH-DISCONNECTOR
Long Description	4-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	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	eac2d80f-b210-4844-ad4c-4f853e43264a Finland (FI)
Simplified SCIP	dba69655-fcb1-45a4-a021-d9694a3c0eae Germany (DE) 3c6137dc-7592-401b-9653-c70e7d52e9d8 Sweden (SE) bf15845d-836c-47df-a8a9-421e1d2f00a8 Poland (PL) 781ccd4e-18ee-408a-b5ff-fbdb408705e7 Germany (DE) 3782c935-5d36-49f5-b248-a3d68ee490f0 Portugal (PT) 7abc1994-285a-4539-a1aa-b7da6a4f2c55 Greece (GR) 875341f9-7962-4709-aa11-987681c87542 Estonia (EE) 79739939-3860-40f7-8dc2-12f3907fedde Norway (NO) 8519f8a5-1ef8-438c-83c5-861fc4828372 Belgium (BE) 5cc14eac-8da0-4d86-806b-f82c606e92ca Poland (PL) 18baa90b-66c1-4a3e-bd99-004300a69f9a Spain (ES) f2fe1df8-7f85-4cc5-9427-025e065e3087 Belgium (BE) 24a15d41-963b-4037-9a6d-e494dbb63b96 Sweden (SE) c66ea3e9-ff82-4645-a7fb-346f5b3f96af Bulgaria (BG) 0b02675d-2090-495e-b48b-9605682209ea Hungary (HU) 8a204d29-15d2-43ee-bb71-6eb5d9d476da Czech Republic (CZ) c40b06b0-2278-4947-84e8-3bbf5ffe2d9c Croatia (HR) d2bf8e40-5a09-4202-8517-c3b27c1b25ed Germany (DE) 26a466c4-2ba7-4643-8171-352a04c635c8 Denmark (DK) 0b365acb-d6dc-4dc9-b008-e545e8457b87 Germany (DE) 5ce3d20a-46c7-460e-bd89-613ba6b6d81e Italy (IT) c5bc694d-67ca-48c9-b923-80902d55575b Hungary (HU) b52158b7-eea0-4556-a534-c0117b82ee5a Netherlands (NL) f31267f8-49b9-4908-a643-bddffad29105 France (FR) 1e67e90e-49d8-4eb0-bbd9-6ea554b73b5a France (FR) 4d07e844-4b9d-4c0f-beb1-a7321e86f56f Germany (DE) 841ecd3b-0a37-4322-b032-a720896c97f9 Poland (PL)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301392F0001 1SCC301201F0001 OT200-250E04.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)

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Dimensions

Product Net Width	180.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.9 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.69 in
Package Level 1 Depth / Length	190 mm 7.48 in
Package Level 1 Height	145 mm 5.71 in
Package Level 1 Gross Weight	2.1 kg 0.93 lb
Package Level 1 EAN	6417019225982

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
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Handle Color	Black
Handle Type	Handle and shaft included
Lock Type	Yes
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	4P
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

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	(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 at the End of the Switch 04 (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)
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661354
E-Number (Norway)	4337857
E-Number (Sweden)	3171163

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Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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