PRODUCT-DETAILS

OT250E30P

OT250E30P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E30P
Product ID	1SCA022720R8300
EAN	6417019231556
Catalog Description	OT250E30P 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	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	b52265cb-20f0-4ef5-95ad-0dc8288d615a Finland (FI)
Simplified SCIP	50959fe4-1c84-4d30-ae01-e3e25167a467 Germany (DE) 79f96e89-9c7b-475e-a1f9-db71acb7bd76 Belgium (BE) a724dfb6-7e3f-481e-a4ce-0b664e49d5a2 Portugal (PT) 29a78f44-0d4e-4ce7-b7dc-d9325b50a5fb Sweden (SE) 1993f6e8-a7c3-48b0-82e8-6e8001455515 Germany (DE) 6eebdfc7-8784-4cef-87d5-dff15e47296f Poland (PL) 60162223-ab1e-4c4e-b471-3cb31cd41417 France (FR) ba59c8dc-d677-4744-9b21-102a5a2af3ef Germany (DE) cae383dc-3172-4dc2-953d-4a7dedd11850 Poland (PL) f7710a80-1225-4e49-8ef8-c1eec0d18439 Estonia (EE) be6702e1-6ac0-42d8-812e-3b9efeffacdf Greece (GR) de35b0d5-a627-4525-95b1-d8158d64a5c2 Bulgaria (BG) 647709b8-17e0-4fd5-a493-73d01d83af7f Belgium (BE) d48e6002-3aa7-4c95-a0a8-0d61505277f8 Spain (ES) 31830d90-1b83-4f47-8b10-deb8e5179ef3 Sweden (SE) d2e71551-b4c1-4eb3-b024-7afa9a632a1b Poland (PL) 3ba4fb30-368a-45d1-9bf8-ec2f6c2a7e52 Hungary (HU) 4a599929-a2a1-4735-8275-bd259118f389 Croatia (HR) 8b3c87ed-5306-471f-ad20-74d61be561fe Denmark (DK) 3b0700f5-21cd-4df1-a600-6c8b3bda6f14 Czech Republic (CZ) 699446c8-4084-4adf-94cf-7e1b525b3aaf Germany (DE) 891e2fe6-1afe-4d6f-8eea-60ee5e78e8bf France (FR) 878c8b76-4b18-41df-bd48-20e606cf9fc2 Norway (NO) 52b68f9f-1d4c-455d-af38-2f0391a15776 Italy (IT) 5f68f657-25fc-4fe6-aac7-9e7728e3aed5 Netherlands (NL) 58ad4334-ebcd-4df3-96d8-bc0ef39161ff Hungary (HU) c855ab56-ad1a-4a65-a3c5-c284bb3f11ab Germany (DE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
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	145.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.4 kg

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	6417019231556

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 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

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	(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 30 (Right Side)
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
Declaration of Conformity - CE	1SCC301131D2705
DNV GL Certificate	1SCC301174D0204

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)	3661358
E-Number (Norway)	4337858

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

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