PRODUCT-DETAILS

OT250E01P

OT250E01P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E01P
Product ID	1SCA022734R7760
EAN	6417019237800
Catalog Description	OT250E01P SWITCH-DISCONNECTOR
Long Description	1-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, terminal bolt kit included

ABB EcoSolutions

End Of Life Disassembling Instructions	1SCC301117M0201
Environmental Information	1SCC301265D0201
Environmental Product Declaration - EPD	1SCC301282D0201

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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	0d228415-18f8-4fa3-af23-afef900ab4a1 Finland
Simplified SCIP	e11aa2a5-e4cc-474a-bd76-c238f65c451f Germany 8658025d-ab18-490a-90b6-67ee329a924d Sweden 21408635-57c2-4d6c-8c73-7c13b6c28192 Bulgaria 0345a24c-e70f-4145-b0dd-78bd8ae09284 France d9444248-78eb-4805-8a15-2e537e122703 Hungary e9ecdd4f-5fb9-446d-aee0-77fd9263a6c0 Germany 59ed22fb-94aa-4167-9cdd-ab92a3a472a9 Denmark b5ca81d8-e59a-40b6-b101-07288ae0e85f France 67bea4f0-d88f-42e2-9dca-1373e815b3ce Italy d7b96c61-3066-40b5-9e6c-5811921aec98 Netherlands 198c67d3-8e3e-4dc2-a475-2507419d819d Estonia 933c4bc6-367e-4c29-b72d-a42fe4cbdca6 Hungary 27e3584e-a57e-4805-a1bc-0a7afc25f568 Belgium edfcfd2e-bcb5-483b-baff-a588e0acdda0 Sweden 9ac10824-d94a-467c-885c-1f201e8fb4b8 Germany 6ec78521-a68f-4759-acda-7fd6ae492a1e Poland 4f54b22b-f412-412d-be56-e8c77c1ba125 Germany ee115800-399b-4a66-afd0-b06a3ba34044 Croatia 2b1bf762-e491-4cf4-8638-fda169d37617 Germany edf56352-50cc-430b-821d-2ba5c6e23a32 Poland c4873fd6-1320-4ba7-81a3-336ff4973807 Greece ae5ff4b9-0b24-4be6-8122-61415fa0e94a Czech Republic 6917a130-ef12-4861-96be-1eb8348ecd7b Poland c5ac3279-b1f8-4692-bb6b-b5202206e4ac Spain c6bfe960-dae7-4e5d-bcee-e00e7ac61d5d Norway 8b7228e8-1f3f-4c69-94e7-dab30dbc5676 Belgium 5542d06e-0817-49e4-b5a6-b27849ce5074 Portugal
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301389F0001 1SCC301198F0001
Environmental Product Declaration - EPD	1SCC301282D0201

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 or Territory of Origin	Finland

Dimensions

Product Net Width	75.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	0.8 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	0.9 kg 2 lb
Package Level 1 EAN	6417019237800

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
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	1P
Operating Mode	Front
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 (1000 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

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	(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 01 (Left 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

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

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