PRODUCT-DETAILS

OT250E40P

OT250E40P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E40P
Product ID	1SCA022720R8480
EAN	6417019231563
Catalog Description	OT250E40P 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	8d892c13-0716-4568-a39e-8a1234eeeaaf Finland (FI)
Simplified SCIP	3010eed5-1571-4008-8a60-c45eda5f1199 Germany (DE) 29936c83-46dc-4073-aa20-c03abad48aaa Hungary (HU) 82679ffb-74f1-44d7-8440-d2b924d50220 Germany (DE) 016012f4-fdd4-421c-b1ab-333fdd3eba15 Belgium (BE) 8bf187e1-2a9a-47fc-94a1-d92bdea46eb6 Portugal (PT) 188145b2-0abd-4077-9de4-3a8627d9dd52 France (FR) dff3bf03-30d0-4747-a7f8-e1db69632bb8 Poland (PL) d71b90d6-52bc-4e07-96f1-c134b4334a1c Germany (DE) b316656a-b354-4ac7-b1d6-2dd9e08ec9cc Sweden (SE) 9baab1d4-695d-4a62-a769-ab0d19486f89 Poland (PL) 6c208a60-2823-44cd-b38b-ab0049bd5f71 Germany (DE) a929d46b-6311-4074-96c2-a83df7d1605c Bulgaria (BG) 42e20c50-5ed6-4e45-8df4-4615f5204067 Estonia (EE) bedf8c49-eaff-49e7-bb29-6a7e5e44ce8e Greece (GR) 5ef9e016-8eda-4835-8445-4fff1bcbd97c Spain (ES) 46956610-cf23-4fd1-abee-915d84b42c2b Belgium (BE) 5b0982ac-83c0-4c22-a232-aa3ad466ceee Sweden (SE) fdb5c394-34bf-49d1-a548-5caec725b817 Poland (PL) bf27d394-7c92-4a9c-85b0-dc91bda73d64 Hungary (HU) 60a83f70-b616-452d-aaa2-37f1550cd1b0 Denmark (DK) d36915d6-4d3d-49a2-aa4c-8ad1cc4735c7 Croatia (HR) cd89a77c-d9f7-495e-8f38-6b1e6690b85c Czech Republic (CZ) e30021b9-dc64-43e8-9859-a5cb09093849 France (FR) 54b1366a-677a-4ace-919e-7602e0360bbe Germany (DE) 57158a83-fba6-443e-bff9-caa36006376b Norway (NO) 4d08a5cd-0feb-4055-ae41-0e5c521805a3 Italy (IT) ece43e30-02ed-40a6-8896-35e66e7c9f27 Netherlands (NL)
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	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	6417019231563

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 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	(220 ... 240 V) 75 kW

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AC-23A (P_e)	(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 40 (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)	3661360
E-Number (Norway)	4337859

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

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