PRODUCT-DETAILS

OT250E22WP

OT250E22WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E22WP
Product ID	1SCA022745R0180
EAN	6417019241708
Catalog Description	OT250E22WP SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, wide phase distance, 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	24e7bcf0-e35a-4b96-b1f3-6b3b43f631cc Finland (FI)
Simplified SCIP	b38aacee-9d76-46ba-a7e0-c848749cc170 Germany (DE) d893f64e-ef5d-4f0b-87f1-322066e38431 Belgium (BE) ebe7b07a-3028-4abc-8245-0d1337cd00ce Spain (ES) 9d3d48ea-9d41-44cf-ad6d-67fb27f989d3 Denmark (DK) 4b7c2ac4-0c74-4e30-b77d-54721a04240d Poland (PL) 931d3ee7-ee72-4607-82e9-5fd31a970132 Belgium (BE) 51e12de3-dc64-43bd-81fb-6e750f0f8512 Greece (GR) d951497f-1e8b-4aeb-be96-dbadead3904a Portugal (PT) 1615577e-3b83-4767-bf03-881be70c8293 Germany (DE) 800c49fa-9671-4324-ad1f-7a0fe381ed74 Netherlands (NL) a8785ec3-ef97-475f-84d2-2e4496de1c40 Bulgaria (BG) c7ebc7a3-bc43-4825-9228-bd88ed1b2a98 Sweden (SE) 1d2e1eb3-6fa1-482d-bc4b-02fe1c1402ce Germany (DE) e7bb434a-7130-4064-a776-9e1f4310d500 Hungary (HU) 5415d596-a1f0-4bce-bd62-06c70abd09d4 France (FR) d7d5c644-ab0f-4347-8c1c-67c55ef0140f Germany (DE) 5ad525f9-0ff4-4eac-8415-d9ce3e637411 Italy (IT) 91f7f4af-9840-44b9-b8e5-e851be62101a Croatia (HR) ab098d88-80d4-41a3-b59f-49ea5bcc14a3 Poland (PL) 9c3f1022-42bd-465c-bb99-12a18d59fd5a Czech Republic (CZ) 81fc4ef5-5e2c-4ce1-8be4-5f83a8a8f864 Hungary (HU) 7a5ae061-0585-43a6-beb6-372c1f18522b Estonia (EE) 63e0bc41-bad1-4686-8e84-e8cd1552c64b Norway (NO) 2bfab2b3-0bc2-4e84-84f6-a65bbcd23a55 Germany (DE) 1e5ec2a5-293f-46b8-93ee-4d392b82c057 Sweden (SE) 3ec8b294-0ae1-49d9-8f69-a5cb73441dfb France (FR) a4240d34-59c9-4fb1-a162-4aa853974742 Poland (PL)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301296F0001 1SCC301295F0001 OT200-250E22W.stp OT200-250E22W.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

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Country of Origin	Finland (FI)

Dimensions

Product Net Width	217.5 mm
Product Net Height	170 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	190 mm 7.5 in
Package Level 1 Depth / Length	290 mm 11.4 in
Package Level 1 Height	110 mm 4.3 in
Package Level 1 Gross Weight	2.2 kg 4.6 lb
Package Level 1 EAN	6417019241708

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	Wide phase distance
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

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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	Wide phase distance
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism Between the Poles 22 (Between the Poles)
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)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661334
E-Number (Norway)	4337887
E-Number (Sweden)	3171193

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Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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