PRODUCT-DETAILS

OT250E04WP

OT250E04WP SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT250E04WP
Product ID	1SCA022744R3810
EAN	6417019241449
Catalog Description	OT250E04WP 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

© 2024 ABB. All rights reserved.

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	5b97369b-b1f4-424c-a7bf-8d439c90eab3 Finland (FI)
Simplified SCIP	56d52026-ac15-4d87-8c1c-1c24b2249265 Germany (DE) 7a8caffa-0679-4b9d-a22b-2b4f6d825589 Poland (PL) bbe9acc6-4116-4782-8a62-8feef14939f1 Portugal (PT) 501a2fdd-dcf0-4192-8f0d-a1b0e2839b29 Estonia (EE) 9c4fd489-a0f8-48bd-934a-d837f0ef5640 Germany (DE) 4b4bb0f8-a938-43b6-953f-c65fc785efa7 Greece (GR) 93a6f6b7-037b-40f2-807e-3011f6949521 Bulgaria (BG) 751d6895-dd14-4108-835e-912254541152 Belgium (BE) 705ccc3e-3852-487a-8726-4ec1e60cca46 Norway (NO) 108ab57f-197c-446e-8023-076375ffd7af Poland (PL) 86463a29-8c0b-4b60-b27a-7934843e6fbd Belgium (BE) 3c6c3506-a4a4-4fda-a15d-b71fcf8d6400 Spain (ES) d54f75b9-0874-4558-a4f0-796cac3c1a44 Sweden (SE) 17db4e05-ea6a-4f9b-9939-55fb5ed92601 Hungary (HU) 842946c3-4998-472e-bcf7-36ef106212b8 Czech Republic (CZ) c127f881-3104-4b79-bef9-ce9dc959aee9 Croatia (HR) 905be291-ff9d-44e8-8f42-26bf08e0bb1b Denmark (DK) 9b539209-62e8-4aad-9be0-442ea5f5f4c8 Poland (PL) 8aa2f3aa-3365-4d4b-b743-e34569d77c8b Germany (DE) 2c6761d8-e7c8-4216-95eb-2274cd83f9d8 Italy (IT) 96c0fb5c-2b8f-4ba9-866c-28f73bc8b2f0 Germany (DE) 5e9c7c2e-b989-4e06-aeb2-5efa58968347 Hungary (HU) 7a9cd371-1326-405a-81ff-c9460dce0cc8 Netherlands (NL) 3755dd94-95fc-49f6-a74c-861ad90898ad France (FR) 8dfc2321-2ac8-4bee-a908-141642f5f6e7 Germany (DE) 6e7feab9-7fc8-4341-855d-3a84e92602aa Sweden (SE) 23d2b547-4913-4f68-b007-97e2e1aab15c France (FR)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220
Mechanical Drawings	1SCC301292F0001 1SCC301291F0001 OT200-250E04W.stp OT200-250E04W.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

© 2024 ABB. All rights reserved.

Country of Origin	Finland (FI)

Dimensions

Product Net Width	212.5 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	6417019241449

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

© 2024 ABB. All rights reserved.

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 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)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661330
E-Number (Norway)	4337885
E-Number (Sweden)	3171191

© 2024 ABB. All rights reserved.

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



© 2024 ABB. All rights reserved.