PRODUCT-DETAILS

OS250D40N2P

OS250D40N2P SWITCH FUSE



General Information

Extended Product Type	OS250D40N2P
Product ID	1SCA022720R1210
EAN	6417019231372
Catalog Description	OS250D40N2P SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,40 (Right Side),DIN,0,1,Handle and shaft included,Switched - With Solid Link

ABB EcoSolutions

ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	1SCC311049M0201
Environmental Product Declaration - EPD	1SCC311197D0201

© 2025 ABB. All rights reserved.

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	4c5b4526-75e1-46ae-aec5-d84c815a682b Finland
Simplified SCIP	563e0172-ff6d-4cb5-b6d3-f092150804e7 Germany e5d59517-f150-4294-9312-f37f2cbf88dd Italy 270173b4-dff6-480a-ae9a-314017acbb28 Poland 860bd975-7deb-4378-964e-90cfa58e60b9 Spain b6937812-c977-40d0-9135-9de41c1b6f35 Belgium 269662fe-eee9-43de-8227-00aed51bad43 Sweden fba9100f-fed1-4203-be52-64c9393f72f1 Greece 54e1f81e-213a-4b6c-a5d9-bdbab6a1d255 Poland 3825e46d-1b5d-4268-b4f8-2c13f129cad4 France b81b776d-1da4-449d-a1d3-8b3907b835be Sweden ffb32bdf-468b-454c-a3e5-2bbc283be386 Bulgaria 9f3360db-a3d3-4ca2-9a29-fab650132dbd Estonia a95dd601-c90e-4aa0-a328-3b6e8d533199 Hungary 79b26d94-cfd0-4643-af59-a433166b38de Czech Republic 2550523c-672c-4d8f-85d1-fab35147665f Poland b5400811-bd35-4d37-a970-e2e3978f9da8 Portugal 775dc4f3-133d-4e91-8be6-e89f869adaf0 Croatia 7c68909c-7cda-40fc-9e97-5098591dabaa Germany 67263f09-f4e6-4be6-b1d1-583fdf0089e8 Germany 0fe5bfc8-1be4-4f4e-94b0-c6ac7f150614 Netherlands 6db3df16-9d30-4694-9105-d55890338015 Norway 042bdcce-34e7-4600-b7d7-8bb8d37db57b Denmark 6fbdc2d9-0ebe-405b-970c-58d806ac66df Germany 89b813b9-04cf-4903-b6db-4c9f6fceddb0 Belgium 81d57561-0c6f-49e0-b92c-2131b747bdc4 Germany a9d40683-3de6-4660-ad18-9bbed91dc105 Hungary d9c3faec-e4e9-4044-b4f6-c52a897f519e France
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311012M0219
Mechanical Drawings	OS250_D_B_40.stp
Environmental Product Declaration - EPD	1SCC311197D0201

Environmental

Degree of Protection	acc. to IEC 60529 IP20
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country or Territory of Origin	Finland

© 2025 ABB. All rights reserved.

Dimensions

Product Net Width	262 mm
Product Net Height	199 mm
Product Net Depth / Length	154 mm
Product Net Weight	4.4 kg 9.7 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm 10.6 in
Package Level 1 Depth / Length	310 mm 12.2 in
Package Level 1 Height	200 mm 7.9 in
Package Level 1 Gross Weight	4.7 kg 10.3 lb
Package Level 1 EAN	6417019231372

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	acc. to IEC 60529 IP20
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - With Solid Link
Fuse Size	NH0 NH1
Fuse System	DIN
Handle Type	Pistol handle
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Power Loss	at Rated Current 17 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 100 kA
Rated Current (I_n)	Main Circuit 250 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-21A (I_e)	(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

© 2025 ABB. All rights reserved.

	(690 V) 250 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 75 kW (400 V) 140 kW (415 V) 145 kW (500 V) 170 kW (690 V) 250 kW
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	40 (Right Side)
Terminal Type	Lug terminals
Terminal Width	25 mm
Tightening Torque	30 ... 44 N·m

Technical UL/CSA

Tightening Torque	30 ... 44 N·m

Certificates and Declarations

A2L Certificate – IEC	1SCC311209D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS200-250 2016
Declaration of Conformity - CE	1SCC311095D2704
DNV GL Certificate	1SCC311123D0203
UL Certificate	No certification needed

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC001040 - Fuse switch disconnector
ETIM 10	EC001040 - Fuse switch disconnector
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5291 >> Fuse switch disconnector
eClass	V11.1 : 27371401
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3661222

© 2025 ABB. All rights reserved.

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



© 2025 ABB. All rights reserved.