PRODUCT-DETAILS

OS125GD02P

OS125GD02P SWITCH FUSE



General Information

Extended Product Type	OS125GD02P
Product ID	1SCA116716R1001
EAN	6417019488035
Catalog Description	OS125GD02P SWITCH FUSE
Long Description	Switch-disconnector fuse, 125A, 2-pole, DIN,000/00, front operated, handle and shaft included.

ABB EcoSolutions

ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	1SCC311047M0201
Environmental Product Declaration - EPD	1SCC311196D0201

© 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	12c39ae2-b846-4349-9275-53c77b4e0057 Finland
Simplified SCIP	2bef9095-2c19-491a-902f-b8fb50253060 Germany c168069a-b938-4096-bb74-805acef1b11c Belgium cefc1077-1d7d-4e17-9921-f73f8d025a80 Spain b249dac0-3e63-4a17-9c3f-db3de0750a64 Hungary 040d7c85-acf7-433b-aaeb-7f98a1ecc920 France a1406366-9cce-4846-b0d0-9268ab590ba2 Poland 9856a5ce-2afc-4ca1-82a4-8dd157eb7f2d Estonia f8099659-1122-4d73-acdc-2b4203f53106 Bulgaria 0ccf57a4-30df-4047-8f9f-c643b946e068 Greece edafe3a3-6bb4-44c9-9592-4d63aee0210d Sweden 9b884f89-7f3f-40c9-9fde-20b4b023ba64 Hungary 515499f5-aee9-4935-b7da-d2c3cfd5a151 Portugal 60ba2518-e447-4989-b3e9-2876a33db85b Netherlands 55c6af4b-6fbc-483e-8e0c-3f60593078a7 Croatia 2fabfd74-7456-4682-8980-92fea1ddb853 Poland 96a957ad-414e-42d3-ad40-c92ae45a1e00 Czech Republic d734d01a-ddd2-402d-87bf-fb8030877e19 France 001e84f4-d78b-4b3c-806b-43198b05bce2 Germany 07c706ff-1007-42ad-93e4-30203b7cfb9d Germany 9776b034-b778-49ad-916c-6d26dea21dff Sweden 79cfa80e-e86d-465c-bf4e-192d8d0c724f Denmark dc9f2744-72dd-4333-8e16-6ef27443ef36 Norway 644e5147-2ceb-4222-b735-e8a7d706f983 Germany 1a3484db-56d2-428e-8045-2ce944a89f7c Belgium 85f5fef3-8abe-4c81-b328-8ecfffa0d755 Italy 1725196b-84d0-47e1-aa8c-2539059f9bed Germany ecaed310-1593-4554-b501-192d0d3d3b39 Poland
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS160GD_F_02.igs
Environmental Product Declaration - EPD	1SCC311196D0201

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	112 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	1.5 kg 3.31 lb

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	1.6 kg 3.6 lb
Package Level 1 EAN	6417019488035

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 125 A
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Degree of Protection	acc. to IEC 60529 IP20
Fuse Size	NH000 NH00
Fuse System	DIN
Handle Type	Pistol handle
Mounting Type	Base mounting
Number of Poles	2P
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 4 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 V) 100 kA (690 V) 80 kA
Rated Current (I_n)	Main Circuit 125 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-21A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 37 kW (400 V) 55 kW (415 V) 55 kW (500 V) 75 kW

© 2025 ABB. All rights reserved.

	(690 V) 110 kW
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	02 (Left Side)
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 … 22 N·m

Technical UL/CSA

Tightening Torque	15 … 22 N·m

Certificates and Declarations

A2L Certificate – IEC	1SCC311209D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS100-160G_ 2015.pdf
Declaration of Conformity - CE	1SCC311137D2703
DNV GL Certificate	1SCC311125D0203
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)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

© 2025 ABB. All rights reserved.



© 2025 ABB. All rights reserved.