PRODUCT-DETAILS

OS50GF03P

OS50GF03P SWITCH FUSE



General Information

Extended Product Type	OS50GF03P
Product ID	1SCA115492R1001
EAN	6417019478470
Catalog Description	OS50GF03P SWITCH FUSE
Long Description	Switch-disconnector fuse, 50A, 3-pole, NFC 14x51, 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	1SCC311048M0201
Environmental Product Declaration - EPD	1SCC311195D0201

Material Compliance

Conflict Minerals Reporting Template	9AKK108467A5658

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(CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	394bb0e4-c498-4de2-ac36-e32fe811a2f8 Finland
Simplified SCIP	87d4e6df-447e-4a4e-9054-86915f375af3 Germany 2e6d0360-4e0b-464a-985f-885a8b4026db Poland c2db3511-09f6-4212-a6a9-3cfbf5e7e477 Sweden 63755cf5-8489-43e7-8cb4-9b3dc93ef199 Germany d640f808-9d5f-429b-b753-ad3199c4516e Portugal d3451fe7-38a5-422c-a545-53373f75a6b9 Estonia 4ea510ca-3577-4a25-8ace-2f9f988656d1 Greece 7e8c2b37-e71a-4cd6-b1d1-969199261db1 Norway dae1af71-bae7-468f-a3c0-c3c78219ffa8 Belgium 5f4ac6fd-096f-4146-9d60-6f752530e0fd Poland 2c8f0aba-98c3-4e7a-931c-f20d8433e527 Spain 0b1ed999-f5d5-415a-87be-bba934127a4d Belgium 8499f992-17db-4e69-aa25-587c2ad5e139 Sweden e93e1e3b-23ce-4341-b90b-4ae9917c1b69 France 22f96fd7-15d2-483f-8075-35b260fe6d97 Bulgaria 16df9c1f-175d-4c9a-bab9-d0f8059c86bc Hungary d8d66b96-c955-432b-84cc-d0da022ef699 Czech Republic 0e437b4a-ae13-4f2a-8e09-229b193a40f8 Croatia 59033835-8b26-4ed4-ac2a-fbd216e7e38b Germany d4692a6a-3bc6-4b6a-bbad-19562295df40 Denmark c5f7c5e3-fbf5-4e12-bcf5-6414fb377eaa Poland 439f9ed1-b415-48e2-a524-85dbc4502a73 Italy 3e8efafd-9438-413c-8689-9f4f118bd45e Germany 83775e10-4f02-4912-9f98-b1e57092d2e2 Hungary c2baf727-3953-4735-a212-e15f3af697c3 Netherlands 26e6a550-64da-43f4-a17b-ab38cd7d1068 France be0d3a4f-cfcf-414b-8f3c-fc79d25d9941 Germany
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311036M0212
Mechanical Drawings	OS63GB_F_03.igs
Environmental Product Declaration - EPD	1SCC311195D0201

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

Dimensions

Product Net Width	112 mm
Product Net Height	125 mm
Product Net Depth / Length	109 mm
Product Net Weight	1.2 kg

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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 3.5 lb
Package Level 1 EAN	6417019478470

Technical

Cable Cross-Section	2.5 ... 25 mm²
Connecting Capacity	Stranded 2.5 … 25 mm² Flexible 2.5 … 25 mm²
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 50 A
Conventional Thermal Current (I_{the})	Fully Enclosed 50 A
Degree of Protection	acc. to IEC 60529 IP20
Fuse Size	14x51
Fuse System	NFC
Handle Type	Pistol handle
Mounting Type	Base mounting
Number of Poles	3P
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 2.5 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 V) 100 kA (690 V) 80 kA
Rated Current (I_n)	Main Circuit 50 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) 50 A (690 V) 50 A
Rated Operational Current AC-22A (I_e)	(500 V) 50 A (690 V) 50 A
Rated Operational Current AC-23A (I_e)	(500 V) 50 A (690 V) 50 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 11 kW (400 V) 22 kW (415 V) 22 kW (500 V) 30 kW (690 V) 37 kW
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kiloampere rms
Recommended Screw Driver	Main Circuit Hexagon 4
Standards	IEC 60947-3
Switches Operating Mechanism	03 (Left Side)
Terminal Type	Screw Terminals
Tightening Torque	3 N·m 4 N·m

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Wire Stripping Length	Main Circuit 12 mm Main Circuit 0.47 in

Technical UL/CSA

Wire Stripping Length	Main Circuit 12 mm Main Circuit 0.47 in
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	3 N·m 4 N·m

Certificates and Declarations

A2L Certificate - IEC	1SCC311208D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS32-63G_ 2016.pdf
Declaration of Conformity - CE	1SCC311136D2703
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

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