PRODUCT-DETAILS

OS125GD03P

OS125GD03P SWITCH FUSE



General Information

Extended Product Type	OS125GD03P
Product ID	1SCA115639R1001
EAN	6417019479774
Catalog Description	OS125GD03P SWITCH FUSE
Long Description	Switch Fuses,Front Operated,3-pole,03 (Left Side),DIN,000,00,Handle and shaft included,

ABB EcoSolutions

End of Life Instructions	1SCC311047M0201
Environmental Product Declaration - EPD	1SCC311196D0201
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

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	e99b5a1b-52fc-41f5-a489-e2af81329c2a Finland (FI)
Simplified SCIP	762112ed-bd29-46f7-bb2d-4ca5033ef0fe Germany (DE) 6217d37e-c272-4238-b0cb-6e2f62330e9e Norway (NO) f3b64afd-6172-4717-8acf-72c81e263e6d Poland (PL) 177d70b7-07de-4eba-82dd-950058243b70 Sweden (SE) f515b1dc-2712-4644-b701-e71fdb3cea5f Poland (PL) 47f2230b-f687-48dd-b494-1e62cca18822 Bulgaria (BG) 7d8b4194-b0a5-4faf-a1ac-ed0beb5fcf97 Portugal (PT) d0b06ac1-95e9-427d-b211-ca3d95b81de9 Germany (DE) 4110b36d-f03f-4bfe-8104-4f25977e3bbc Greece (GR) 9b702483-58b8-4da1-887d-0f2d39a2c2a1 Estonia (EE) 5d583fd8-9b82-42c5-851a-8eb485cdb4ec France (FR) 503eb8d7-273e-4761-bf14-76397b51a2da Czech Republic (CZ) c0eed106-22d8-4c38-9213-7104a7620b6d Belgium (BE) f8f82697-50e4-4db8-820b-9862e58eaaaa Spain (ES) 187e1b49-f979-4f13-8b54-f7d04339545b Hungary (HU) 7b4bf351-c301-4c7d-9232-0dff1633fcff Denmark (DK) b8c30d31-b006-41a9-8aff-5fd9efcefe44 Croatia (HR) d5e45d84-2a11-4770-8104-768a987c359d Germany (DE) 9a8b016d-c74c-445b-a6d8-002d05939819 Germany (DE) 6e04afb5-ea98-47c2-895d-978049903366 France (FR) 93493313-d3c5-47b1-85c7-378c4bc8d70d Italy (IT) 9e8433c9-37dc-4c35-91e1-4f1aa56b9b1c Belgium (BE) 364a672f-75d9-4478-aa1e-8dfbac85a59c Poland (PL) 2de1e864-9ac1-4d60-8cdc-790ea637c16b Netherlands (NL) 7f062f6a-ccec-454b-8747-b19f3681d93f Germany (DE) cb3a3bec-427c-47ed-b8ca-f8517a03196f Hungary (HU) 5f61fbce-048a-42b9-bcb1-5361d63bab3c Sweden (SE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS160GD_F_03.igs
Environmental Product Declaration - EPD	1SCC311196D0201
End of Life Instructions	1SCC311047M0201

Environmental

Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Dimensions

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Product Net Width	147 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.035 kg 4.49 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	220 mm 8.7 in
Package Level 1 Height	150 mm 5.9 in
Package Level 1 Gross Weight	2.2 kg 4.8 lb
Package Level 1 EAN	6417019479774

Technical

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 (690 V) 110 kW
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 125 A
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 4 W
Pollution Degree	3
Handle Type	Pistol handle and shaft included
Switches Operating Mechanism	03 (Left Side)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	NH000 NH00
Fuse System	DIN

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Operating Mode	Front Operated
Standards	IEC 60947-3
Mounting Type	Base mounting
Number of Poles	3
Cable Cross-Section	2.5 ... 25 mm²
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 … 22 N·m
Rated Current (I_n)	Main Circuit 125 A

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

Classifications

Object Classification Code	Q
ETIM 8	EC001040 - Fuse switch disconnector
ETIM 9	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)	3660239
E-Number (Sweden)	3172118

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

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