PRODUCT-DETAILS

OS125GD11P

OS125GD11P SWITCH FUSE



General Information

Extended Product Type	OS125GD11P
Product ID	1SCA116712R1001
EAN	6417019487090
Catalog Description	OS125GD11P 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

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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	c91b98df-44a2-4ea5-b96e-8de647173f38 Finland
Simplified SCIP	9f50a50e-e28d-421c-b4aa-6ab432e9f54b Germany cce72058-cd9e-4ced-8c19-b7edd3d775cd Hungary c7e8bb63-2992-46b8-85e8-81948b4506ac Germany 4c1009ea-e55a-456f-b5bf-ff77e22e8e7b Germany ba94ff95-76f0-4f55-91e3-efe9b6efad1e Greece fdeb10c6-2bc7-4a44-8a81-694fc94a0794 Bulgaria ac90fef0-d38e-43c2-843b-060a334e3a5f Portugal 7ec54450-e530-4afb-95cf-1d4cc1d05d25 Belgium 17b3aeba-a882-44f4-8a86-9aae15af27ee Netherlands e3ffb20f-b621-4fbe-8c74-9b93b760718d Poland 4d3ec0b4-3cd3-4fe3-89af-930587be4f9c Estonia 50144bc9-0ad6-46f5-b8da-6af57087f784 Belgium dfaf7b3c-eabe-4157-ae5f-cc49bcecc9f4 Spain 62da0a36-aa89-419e-a3b9-365bf72d8d61 Poland 1ea9e1ff-d912-457a-9265-b400284076dd Germany 8c42e90d-1a4a-4275-b6fe-41a67dca36a4 Sweden bc0e48cd-0261-4f20-ad6a-ef693264192d Sweden fb400225-ddaf-4ee1-ada2-41df478bfd42 France 05adccf7-fa8a-45c5-96a7-5f4f19a7632e Hungary ddfd77da-e604-4531-b3cd-7910978250e2 Croatia f30fc01b-c309-4ea2-a3e8-da4d46d934c2 Czech Republic 734719c3-3396-458c-88e5-4f967aff91ed Denmark 2e2f8e7d-9526-4648-bfc9-775ce5ce9508 Germany c6c52697-f100-4df1-bed4-47ad30a867f7 Poland a2d60bfd-46d4-46ec-be60-28854811b223 France 4b0a1129-21a5-4ef5-9b7e-b678e1e0a2aa Norway 8c5cb3f3-5b21-4a8b-b1e1-e9798e409f13 Italy
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
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

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Dimensions

Product Net Width	140 mm
Product Net Height	113 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	6417019487090

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

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	(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	11 (Between the Poles)
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

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