PRODUCT-DETAILS

OS125GD04FP

OS125GD04FP SWITCH FUSE



General Information

Extended Product Type	OS125GD04FP
Product ID	1SCA115686R1001
EAN	6417019479880
Catalog Description	OS125GD04FP SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,04 (Left Side),DIN,000,00,Handle and shaft included,Switched - Fusible Pole

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

© 2024 ABB. All rights reserved.

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	cd39c53a-78f4-48d3-a48e-9f0c003c6ee3 Finland (FI)
Simplified SCIP	befe4dab-8925-4981-9dac-ce32490ae005 Germany (DE) 7d763404-8b03-4d54-9a36-f731f0a2b890 Greece (GR) 7f315a5f-f62f-4f11-9957-b6f580029e2c Portugal (PT) 1a3ef7f0-9cf6-4ef8-8487-11de8937295d France (FR) 0e76e2b1-f245-44b3-a28f-a436a9a22760 Belgium (BE) 3a932097-74ad-4523-b5b0-e8f91c166c96 Poland (PL) 910ed8a7-65c9-428c-aecc-462630417425 Croatia (HR) a4ee9a00-a5ee-4cc3-a90b-09c48780db9a Belgium (BE) 68dc277c-c99e-4391-ae9e-ba238f4879fc Spain (ES) b22d97b6-ec01-4519-b839-ae9d9b051750 Bulgaria (BG) 12bb36d4-fad2-47d1-8666-371f646d1a07 Sweden (SE) aed0acc4-f171-489c-93fe-aa974d2245a2 Poland (PL) 4c551a50-86c3-4811-9e29-48bbe9e31d42 Germany (DE) c2686fe9-5139-46a4-9e65-7d2cb7b75e91 Estonia (EE) da363537-58a1-457e-aac5-9649d28b54ce Sweden (SE) d9f4aaf6-6d86-4aae-a9f7-1b1300bc666b France (FR) 76bb74f2-e79d-450f-9a2e-74dc2cecd3d9 Netherlands (NL) ad243613-345a-4e85-b791-21d5fa2b89d2 Hungary (HU) e90715a0-a207-4966-8f37-8b21453640ef Czech Republic (CZ) 68b8ae90-05dc-4fe8-80cb-77f0e3fbc387 Germany (DE) 2be168a7-3def-4ab7-9580-5c08e2da2227 Denmark (DK) f329a086-c6b2-4b34-a19d-d8449ad8ea7b Poland (PL) dafe0070-ede1-45b8-897c-e3defce44d8e Norway (NO) eb109f9b-8803-45ae-a50f-f321259f2568 Italy (IT) fabc3ebf-3052-443f-ad89-e88e66d6e171 Germany (DE) b1188845-2576-4eeb-8daf-82d97f809efa Hungary (HU) 97c71f8e-adae-40aa-ad0c-fb5c06ca71a8 Germany (DE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS160GD_F_04.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

© 2024 ABB. All rights reserved.

Product Net Width	182 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.6 kg 5.73 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	250 mm 9.8 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross Weight	2.8 kg 6.1 lb
Package Level 1 EAN	6417019479880

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 125 A
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Fourth Pole Type	Switched - Fusible Pole
Fuse Size	NH000 NH00
Fuse System	DIN
Handle Type	Pistol handle and shaft included
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Front Operated
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})	(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 (690 V) 110 kW
Rated Operational	Main Circuit 690 V AC

© 2024 ABB. All rights reserved.

Voltage	
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	04 (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

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)	3660339

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

© 2024 ABB. All rights reserved.



© 2024 ABB. All rights reserved.