PRODUCT-DETAILS

OS160GD12P

OS160GD12P SWITCH FUSE



General Information

Extended Product Type	OS160GD12P
Product ID	1SCA115643R1001
EAN	6417019479811
Catalog Description	OS160GD12P SWITCH FUSE
Long Description	Switch Fuses,Front Operated,3-pole,12 (Between the Poles),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	f5f233ed-51a8-4067-8eb7-900906b5ff39 Finland (FI)
Simplified SCIP	934726b2-1135-428f-ac63-9619fea05df3 Germany (DE) bb394ddd-8ca2-4a2f-8474-8a8b62e760d9 Belgium (BE) 3fa6c560-45fc-4918-95a3-9ebaeaa1005f Sweden (SE) dcc28946-74d2-4ba5-ab0e-7531c6073c48 Poland (PL) d065567f-4223-4fa1-9f70-633251abc167 Germany (DE) f8887183-592d-466b-a127-f2f9923c2f7f Poland (PL) 4454d59d-244e-427e-920c-223cecd9a1aa Bulgaria (BG) b1e146b8-d0a0-4e0c-84a1-7c9d06ca3703 Portugal (PT) ab3f0ae2-15dc-49d4-b9ff-97fd346a6beb Greece (GR) 657353d9-b1fc-4614-8eea-61cc1f6097ee Estonia (EE) 35c2c1a9-2b5e-4649-bd3c-805a7f4f2172 Belgium (BE) a4c79cec-1332-4ae2-8ad9-d1565bf20eeb Spain (ES) 2c1f271e-514f-4a04-8cd0-af36cce46b83 Sweden (SE) b3ae000e-4313-417f-9084-0a01d4ebf82e France (FR) 17333908-59fc-4b12-89f5-54fc99148d1e Poland (PL) 3c9a0947-877d-4370-aee1-43c3c8c14b64 Hungary (HU) f6c06f7e-500d-4fbd-848f-1f7cd654dd56 Croatia (HR) 43437daf-09cb-44e1-9f09-7528964eb6c1 Germany (DE) 3e8a1758-c943-442c-8fb8-14876a81cc6d Denmark (DK) 46732036-10a9-408f-9005-9809645dbfe9 Czech Republic (CZ) 640a1c2f-9342-46fb-832b-137f351eb0da France (FR) b81066fb-4215-4ab9-9e86-9d402ef3be5b Germany (DE) 14e27db0-57a6-4293-b3f0-44d0db816937 Norway (NO) 79fc194f-008b-408d-952d-53866db4abd0 Italy (IT) f2e9655b-56b4-4631-a5df-aef0533a19f2 Hungary (HU) c64b0af9-9d89-47fb-927d-82415e3f4494 Germany (DE) 9e0e1c06-c612-42bc-a8d2-f8549349df9d Netherlands (NL)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS160GD_F_12.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	6417019479811

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Fuse Size	NH000 NH00
Fuse System	DIN
Handle Type	Pistol handle and shaft included
Mounting Type	Base mounting
Number of Poles	3P
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 9 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 160 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) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_e)	(500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 45 kW (400 V) 75 kW (415 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Rated Operational Voltage	Main Circuit 690 V AC

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Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	12 (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

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)	3660345
E-Number (Sweden)	3172116

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

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