PRODUCT-DETAILS

OS32GD12P

OS32GD12P SWITCH FUSE



General Information

Extended Product Type	OS32GD12P
Product ID	1SCA114581R1001
EAN	6417019467986
Catalog Description	OS32GD12P SWITCH FUSE
Long Description	Switch Fuses,Front Operated,3-pole,12 (Between the Poles),DIN,000,Handle and shaft included,

ABB EcoSolutions

End of Life Instructions	1SCC311048M0201
Environmental Product Declaration - EPD	1SCC311195D0201
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	acb0f632-675b-4e8f-b907-06d7f0adc05b Finland (FI)
Simplified SCIP	1bd81081-74d4-4885-a291-ec3d84a78a42 Germany (DE) d0f50824-0959-4cb9-9923-707ab4a5dab8 Poland (PL) f20ba34d-532d-4380-99bb-4a27f7f681eb Hungary (HU) a8899f9d-61f5-4376-ad17-b12994271215 Germany (DE) 4928ff74-3cb0-4a0d-a648-d113fada731f Sweden (SE) 3efbd972-35ff-410d-bf26-68f2f964571e France (FR) 22b4f0ed-ca91-414a-bced-7e3fd02b737e Estonia (EE) f1d904e9-bea8-463c-b8b2-297af68a1f0e Greece (GR) 24e02433-58fe-42d7-a6ec-4a21486d7ea5 Bulgaria (BG) eca9b9e2-d2f0-4f5d-9046-afb4ed0c64ba Italy (IT) c0520d72-23e7-4ed5-9921-9b846104a7b0 Belgium (BE) 84b9b7db-3a79-419a-8419-b118fdd1dea7 Poland (PL) 87947f24-3a52-4849-8ef3-45b144712d6b Belgium (BE) 2fb51fbf-ae7c-4b10-980b-fd3e336b98fd Spain (ES) 93c204e5-0fd5-4729-9402-81eab1afe47c Sweden (SE) 80444c74-4986-4d12-b5a1-b0a74713f237 Poland (PL) 7e47d934-097d-4936-8ec8-a4210681d05a Germany (DE) e5b228e0-5147-477e-97d3-b35a5c4d4499 Portugal (PT) 3c229bf8-fae4-4112-b7f1-1492b2d9f6ce Hungary (HU) c434ca43-8cfb-4452-86d1-e56c56df89b3 Germany (DE) f93b572a-b217-4fee-9703-faf3c92e3df9 Denmark (DK) e187b406-99bb-4371-a623-bcc6adcb1193 Croatia (HR) b6f01eef-5fb4-4fac-ba8d-f1d206c3266f Germany (DE) 7857a74e-0f6d-435e-9212-0b6d6e0a6bfc Czech Republic (CZ) 35dd29f8-d412-4906-9b98-e859c16ac7b2 France (FR) ded603e3-fa08-4aef-8be4-56105b018d9b Norway (NO) 58c26069-3004-434c-b2a3-db753b33dbc7 Netherlands (NL)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311036M0212
Mechanical Drawings	OS63GD12.igs
Environmental Product Declaration - EPD	1SCC311195D0201
End of Life Instructions	1SCC311048M0201

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	112 mm
Product Net Height	125 mm
Product Net Depth / Length	121 mm
Product Net Weight	1.18 kg 2.6 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	1.3 kg 2.9 lb
Package Level 1 EAN	6417019467986

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 32 A
Conventional Thermal Current (I_{the})	Fully Enclosed 32 A
Fuse Size	NH000
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 1 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 32 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) 32 A (690 V) 32 A
Rated Operational Current AC-22A (I_e)	(500 V) 32 A (690 V) 32 A
Rated Operational Current AC-23A (I_e)	(500 V) 32 A (690 V) 32 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 7.5 kW (400 V) 15 kW (415 V) 15 kW (500 V) 18.5 kW (690 V) 22 kW

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Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	12 (Between the Poles)
Terminal Type	Screw Terminals
Tightening Torque	3 N·m 4 N·m
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
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

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)	3660323
E-Number (Sweden)	3172110

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Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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