PRODUCT-DETAILS

OS32GD04N2P

OS32GD04N2P SWITCH FUSE



General Information

Extended Product Type	OS32GD04N2P
Product ID	1SCA115193R1001
EAN	6417019476353
Catalog Description	OS32GD04N2P SWITCH FUSE
Long Description	Switch-disconnector fuse, 32A, 4-pole, DIN 000, front operated, switched non-fusible fourth pole, 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	1SCC311048M0201
Environmental Product Declaration - EPD	1SCC311195D0201

Material Compliance

Conflict Minerals Reporting Template	9AKK108467A5658

© 2025 ABB. All rights reserved.

(CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	bf30a6b2-f573-4c17-95da-f35ee6868e30 Finland
Simplified SCIP	d4105407-ddbd-4777-9add-c5966011d013 Germany 9eb64734-a0a1-4a0c-9477-4380948051d7 Germany dc622c4c-b5ef-4037-a71a-b2ef847f7239 Sweden 42971904-8cd3-4075-ae06-b0be25585b05 France bb026f1b-3fcd-4b3a-a78e-5f9b9df3e235 Estonia f52f85ec-88f6-4369-8f27-6b86bfe93904 Greece c81f8d51-b38f-4a33-9257-7e7d59eb0133 Bulgaria 0368c9f1-d734-4e0c-9f80-3be5ca4c8250 Belgium 202d26c5-bece-45d3-834f-ed3f736384e1 Italy 47378f7b-0f39-4dae-9297-239e8e4c7fc0 Poland 95d640d0-627a-4634-b4d0-e4f82c4d1122 Spain aca15c97-cec1-4213-8117-d5648886fbf0 Belgium d625cad9-852d-4236-91b1-d90799616538 Sweden 468b4e6f-d1c0-40ec-9934-2d4a67c2aa23 Poland 7799cdb7-369b-4b6c-8d11-ff927758dd43 Portugal cdad0548-7a9d-4c90-99bb-687478d75800 Germany d76a7b0e-75c3-4997-b14b-cf05e16a3b2c Hungary 034b8298-4dc0-4b39-9221-4c9ca99c87fc Croatia f2bd68e6-72f1-4b39-be58-2f06486c3ae1 Germany c1ce9d21-99ea-473c-ba56-285ef25253f0 Denmark c1e3f87e-d757-459c-af0f-73de8ca14e60 Germany 87176b72-bf43-49c3-8a76-dd1fab81585f Czech Republic 03574f4b-39af-48d1-b215-b670700d66b1 France 76509932-4422-4127-8ea0-985f8fff141e Norway 33050a11-1de1-4a90-9f94-11dcf7d4075e Hungary 6f23e20a-b878-4386-8b16-69ac48b5524c Netherlands 263b19d6-a913-47c6-8d4f-09dbf65b94b6 Poland
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311036M0212
Mechanical Drawings	OS63GD04.igs
Environmental Product Declaration - EPD	1SCC311195D0201

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

Dimensions

Product Net Width	136 mm
Product Net Height	125 mm
Product Net Depth / Length	121 mm
Product Net Weight	1.37 kg 3.02 lb

© 2025 ABB. All rights reserved.

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	1.5 kg 3.3 lb
Package Level 1 EAN	6417019476353

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
Degree of Protection	acc. to IEC 60529 IP20
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - With Solid Link
Fuse Size	NH000
Fuse System	DIN
Handle Type	Pistol handle
Mounting Type	Base mounting
Number of Poles	4P
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 1 W
Rated Conditional Short-Circuit Current (I_{nc})	(500 V) 100 kA (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
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kiloampere rms
Recommended Screw Driver	Main Circuit Hexagon 4
Standards	IEC 60947-3
Switches Operating Mechanism	04 (Left Side)

© 2025 ABB. All rights reserved.

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
Recommended Screw Driver	Main Circuit Hexagon 4
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

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)
E-Number (Finland)	3660212

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

© 2025 ABB. All rights reserved.



© 2025 ABB. All rights reserved.