PRODUCT-DETAILS

OS32GD02P

OS32GD02P SWITCH FUSE



General Information

Extended Product Type	OS32GD02P
Product ID	1SCA116714R1001
EAN	6417019488011
Catalog Description	OS32GD02P SWITCH FUSE
Long Description	Switch-disconnector fuse, 32A, 2-pole, DIN 000, 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	1SCC311048M0201
Environmental Product Declaration - EPD	1SCC311195D0201

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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	23dd64f8-ac93-48e6-98fb-a5aa3d1a5fd7 Finland
Simplified SCIP	89edb638-df58-4683-8d0d-a26c86758b7e Germany 8819087e-318c-4570-8292-4de4259a2f27 Poland 7b970b99-202d-40d5-9b20-e4caa1e5df67 Italy 2c733014-f7d2-44fa-b607-23bcc3c58837 Norway f9eb0029-178e-4999-a590-918d80aa347a Belgium aafbf552-7ae8-45ea-a02d-2f6128a66789 Germany b382755d-a39f-4cfb-b248-7a43299e879f Germany 441425f0-02b1-4e58-9c66-e9b7f142e3ea Denmark e95c2b13-d981-4800-88d9-4b8c05bfb865 Sweden 56f64634-3305-42f6-9c1a-bdd6a82a1c58 Czech Republic d8410fe6-b98f-4591-97d7-31095d95064a France c3f0c05e-d00b-4b29-99e2-bd19c2c44d4c Poland 1219d353-bbb3-483c-bc2a-539cf76b6fd5 Netherlands 308a3764-2a4b-4995-a0c1-1afcefce72b9 Greece 5a4f3268-e174-4401-9de0-e6c5690364a7 Poland ce74b7dd-d0f6-44b0-be19-df4013d9a07b Portugal 01b83774-d6f5-45e6-92c0-f35a8f32217c Croatia bff93269-ffef-4957-b271-27508b93bc3c Sweden 2c6da76e-90a1-4112-b9ab-8127c020b541 Bulgaria 3e8cdeb0-65e5-4e58-b41f-a67b38c3aa23 Hungary 2523dcd1-8d9f-4de4-a831-0eaeb0ad618b Estonia cec0fc69-f7c3-4d08-a620-f68ae696c601 Germany 065fed97-5ff6-415c-87cd-9cb1587eb462 Germany 69f4589f-5a2e-4b57-9aef-cea76c5cd720 France eb7c1c4a-545d-4971-bf77-cd4d60f6f203 Hungary 3f105a76-002a-4378-b0b0-eb923b1fe520 Belgium d3e7d1db-2710-453e-a96c-97303c965ce5 Spain
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311036M0212
Mechanical Drawings	OS63GD02.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

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Dimensions

Product Net Width	88 mm
Product Net Height	112 mm
Product Net Depth / Length	121 mm
Product Net Weight	0.915 kg 2.02 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 kg 2.2 lb
Package Level 1 EAN	6417019488011

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
Fuse Size	NH000
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 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	(220 ... 240 V) 7.5 kW

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AC-23A (P_e)	(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	02 (Left Side)
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)

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Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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