PRODUCT-DETAILS

OS32GDS40N1K

OS32GDS40N1K SWITCH FUSE



General Information

Extended Product Type	OS32GDS40N1K
Product ID	1SCA115930R1001
EAN	6417019482002
Catalog Description	OS32GDS40N1K SWITCH FUSE
Long Description	Switch-disconnector fuse, 32A, 4-pole, DIN 000, side operated, switched non-fusible fourth pole, direct mounted handle.

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

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(CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311038M0207
Mechanical Drawings	OS63GDS40K.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	191 mm
Product Net Height	125 mm
Product Net Depth / Length	121 mm
Product Net Weight	1.5 kg

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	1.8 kg 4 lb
Package Level 1 EAN	6417019482002

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	Fully Enclosed 32 A

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Current (I_{the})	
Degree of Protection	acc. to IEC 60529 IP20
Fourth Pole Position	Left Side
Fourth Pole Type	Switched - With Solid Link
Fuse Size	NH000
Fuse System	DIN
Handle Type	Direct mounted handle
Mounting Type	Base mounting
Number of Poles	4P
Operating Mode	Side
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	40 (Right 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	1SCC311136D2703

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- CE

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)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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