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 PRODUCT-DETAILS

# OS32GDS30K

## OS32GDS30K SWITCH FUSE




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**General Information**

Extended Product Type	OS32GDS30K
Product ID	1SCA115929R1001
EAN	6417019479293
Catalog Description	OS32GDS30K SWITCH FUSE
Long Description	Switch-disconnector fuse, 32A, 3-pole, DIN 000, side operated, direct mounted handle.

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**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
Toxic Substances Control Act - TSCA	1SCC011025D0201

## Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311038M0207
Mechanical Drawings	OS63GDS30K.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	167 mm
Product Net Height	125 mm
Product Net Depth / Length	121 mm
Product Net Weight	1.2 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	1.4 kg 3.2 lb
Package Level 1 EAN	6417019479293

## Technical

Cable Cross-Section	2.5 ... 25 mm <sup>2</sup>
Connecting Capacity	Stranded 2.5 ... 25 mm <sup>2</sup> Flexible 2.5 ... 25 mm <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> )	Ø = 40 °C 32 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 32 A
Degree of Protection	acc. to IEC 60529 IP20
Fuse Size	NH000
Fuse System	DIN
Handle Type	Direct mounted handle
Mounting Type	Base mounting
Number of Poles	3P
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 <sub>nc</sub> )	(500 V) 100 kA (690 V) 80 kA
Rated Current (I <sub>n</sub> )	Main Circuit 32 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	12 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Current AC-21A (I <sub>e</sub> )	(500 V) 32 A (690 V) 32 A
Rated Operational Current AC-22A (I <sub>e</sub> )	(500 V) 32 A (690 V) 32 A
Rated Operational Current AC-23A (I <sub>e</sub> )	(500 V) 32 A (690 V) 32 A
Rated Operational Power AC-23A (P <sub>e</sub> )	(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 <sub>cw</sub> )	for 1 s 2.5 kiloampere rms
Recommended Screw Driver	Main Circuit Hexagon 4
Standards	IEC 60947-3
Switches Operating Mechanism	30 (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

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### 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
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**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 disconnecter
ETIM 10	EC001040 - Fuse switch disconnecter
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5291 >> Fuse switch disconnecter
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

