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 PRODUCT-DETAILS

# OS125GDS30K

## OS125GDS30K SWITCH FUSE




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**General Information**

Extended Product Type	OS125GDS30K
Product ID	1SCA115933R1001
EAN	6417019482033
Catalog Description	OS125GDS30K SWITCH FUSE
Long Description	Switch Fuses,Side Operated,3-pole,30 (Right Side),DIN,000,00,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	1SCC311047M0201
Environmental Product Declaration - EPD	1SCC311196D0201

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**Material Compliance**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	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	1SCC311039M0205
Mechanical Drawings	OS160GD_F_S30K.igs
Environmental Product Declaration - EPD	1SCC311196D0201

## Environmental

Pollution Degree	3
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## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

## Dimensions

Product Net Width	202 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.095 kg 4.62 lb

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	250 mm 9.8 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross Weight	2.3 kg 5 lb
Package Level 1 EAN	6417019482033

## Technical

Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ }^{\circ}\text{C}$ 125 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 125 A
Fuse Size	NH000 NH00
Fuse System	DIN
Handle Type	Direct mounted handle included
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Side Operated
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 4 W
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(690 V) 80 kA
Rated Current ( $I_n$ )	Main Circuit 125 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	1000 V
Rated Operational Current AC-21A ( $I_e$ )	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A ( $I_e$ )	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A ( $I_e$ )	(500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 37 kW (400 V) 55 kW (415 V) 55 kW (500 V) 75 kW (690 V) 110 kW
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 5 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	30 (Right Side)
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 ... 22 N·m

## Technical UL/CSA

Tightening Torque	15 ... 22 N·m
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## Certificates and Declarations

A2L Certificate – IEC	1SCC311209D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS100-160G_ 2015.pdf
Declaration of Conformity - CE	1SCC311137D2703

DNV GL Certificate

1SCC311125D0203

UL Certificate

No certification needed

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## Classifications

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Object Classification Code	Q
ETIM 8	EC001040 - Fuse switch disconnecter
ETIM 9	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)

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## Categories

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Low Voltage Products and Systems → Switches → Switch Fuses

