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 PRODUCT-DETAILS

# OS125GD12

## OS125GD12 SWITCH FUSE




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**General Information**

Extended Product Type:	OS125GD12
Product ID:	1SCA115696R1001
EAN:	6417019480091
Catalog Description:	OS125GD12 SWITCH FUSE
Long Description:	Switch-disconnector fuse, 125A, 3-pole, DIN,000/00, front operated.
Display Name:	OS125GD12

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**ABB EcoSolutions**

**ABB Site Meeting Group Waste To Landfill** UL 2799 Zero Waste To Landfill Validation available  
Target:

**End Of Life Disassembling Instructions:** 1SCC311047M0201

**Environmental Product Declaration - EPD:** 1SCC311196D0201

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**Material Compliance**

<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>REACH Declaration:</b>	1SCC011021D0201
<b>RoHS Declaration:</b>	1SCC011020D0201
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>Toxic Substances Control Act - TSCA:</b>	1SCC011025D0201

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SCC311013C0201
<b>Instructions and Manuals:</b>	1SCC311037M0206
<b>Mechanical Drawings:</b>	OS160GD_F_12.igs

## Environmental

<b>Degree of Protection:</b>	acc. to IEC 60529 IP20
<b>Pollution Degree:</b>	3

## Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85365080
<b>Country or Territory of Origin:</b>	Finland

## Dimensions

<b>Product Net Width:</b>	147 mm
<b>Product Net Height:</b>	112 mm
<b>Product Net Depth / Length:</b>	130 mm
<b>Product Net Weight:</b>	1.845 kg 4.07 lb

## Container Information

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Width:</b>	170 mm 6.7 in
<b>Package Level 1 Depth / Length:</b>	220 mm 8.7 in
<b>Package Level 1 Height:</b>	150 mm 5.9 in
<b>Package Level 1 Gross Weight:</b>	2 kg 4.4 lb
<b>Package Level 1 EAN:</b>	6417019480091

## Technical

Conventional Free-air Thermal Current ( $I_{th \Theta = 40^\circ C}$  125 A):

Conventional Thermal Current ( $I_{the}$ ):	Fully Enclosed 125 A
Fuse Size:	NH000 NH00
Fuse System:	DIN
Handle Type:	Handle Not Included
Mounting Type:	Base mounting
Number of Poles:	3P
Operating Mode:	Front
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 ( $I_{nc}$ ):	(500 V) 100 kA (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:	12 (Between the Poles)
Terminal Type:	Lug terminals
Terminal Width:	20 mm
Tightening Torque:	15 ... 22 N·m

## 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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## External Classifications and Standards

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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)
E-Number (Finland):	3660340

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## Categories

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Products > Low Voltage Products and Systems > Switches > Switch Fuses



Submitted by TECO Group