




---

 PRODUCT-DETAILS

# OS125GDS40N1

## OS125GDS40N1 SWITCH FUSE




---

### General Information

Extended Product Type	OS125GDS40N1
Product ID	1SCA123660R1001
EAN	6417019544328
Catalog Description	OS125GDS40N1 SWITCH FUSE
Long Description	Switch Fuses,Side Operated,4-pole,40 (Right Side),DIN,000,00,Handle and shaft not included,Switched - With Solid Link

---

### Circular Value

End of Life Instructions	1SCC311047M0201
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

---

### Eco Transparency

Environmental Product Declaration - EPD	1SCC311196D0201
---	-----------------

## 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

## Ordering

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

## Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311039M0205
Mechanical Drawings	OS160GD_F_S40.igs
Environmental Product Declaration - EPD	1SCC311196D0201
End of Life Instructions	1SCC311047M0201

## Dimensions

Product Net Width	217 mm
Product Net Height	140 mm
Product Net Depth / Length	142 mm
Product Net Weight	2.56 kg 5.64 lb

## Technical

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
Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ °C}$ 125 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 125 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	1000 V
Rated Operational Voltage	Main Circuit 690 V AC
Rated Short-time Withstand Current Low	for 1 s 5 kiloampere rms

Voltage ( $I_{cw}$ )	
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 4 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Fourth Pole Position	Left Side
Fourth Pole Type	Switched - With Solid Link
Switches Operating Mechanism	40 (Right Side)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	NH000 NH00
Fuse System	DIN
Operating Mode	Side Operated
Standards	IEC 60947-3
Mounting Type	Base mounting
Number of Poles	4
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 ... 22 N·m
Rated Current ( $I_n$ )	Main Circuit 125 A

## Technical UL/CSA

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

## 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	2.7 kg 6 lb
Package Level 1 EAN	6417019544328

## Classifications

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)

---

---

## Categories

---

Low Voltage Products and Systems → Switches → Switch Fuses

