



English



OS160GD03

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General Information

Extended Product Type:

OS160GD03

Product ID:

1SCA114221R1001

EAN:

6417019466798

Catalog Description:

OS160GD03 SWITCH FUSE

Long Description:

Switch-disconnector fuse, 160A, 3-pole, DIN,000/00, front operated.

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Data Sheet

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Pollution Degree:
3

Ordering

Minimum Order Quantity:
1 piece

Customs Tariff Number:
85365080

Country of Origin:
Finland

Dimensions

Product Net Width:
147 mm

Product Net Height:
140 mm

Product Net Depth / Length:
130 mm

Product Net Weight:
1.845 kg
4.07 lb

Container Information

Package Level 1 Units:
box 1 piece

Package Level 1 Width:
170 mm
6.7 in

Package Level 1 Depth / Length:
220 mm
8.7 in

Package Level 1 Height:
150 mm
5.9 in

Package Level 1 Gross Weight:
2 kg
4.4 lb

Package Level 1 EAN:
6417019466798

Technical

Conventional Free-air Thermal Current (I_{th}):
 $\Theta = 40\text{ }^{\circ}\text{C}$ 160 A

Conventional Thermal Current (I_{the}):
Fully Enclosed 160 A

Fuse Size:
NH000
NH00

Fuse System:

DIN

Handle Type:

Handle and shaft not included

Mounting Type:

Base mounting

Number of Poles:

3P

Operating Mode:

Front Operated

Pollution Degree:

3

Position of Line Terminals:

Top In - Bottom Out, Bottom In - Top Out

Power Loss:

at Rated Current 8 W

Rated Conditional Short-Circuit Current (I_{nc}):

(690 V) 80 kA

Rated Current (I_n):

Main Circuit 160 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) 160 A

(690 V) 160 A

Rated Operational Current AC-22A (I_e):

(500 V) 160 A

(690 V) 160 A

Rated Operational Current AC-23A (I_e):

(500 V) 160 A

(690 V) 160 A

Rated Operational Power AC-23A (P_e):

(220 ... 240 V) 45 kW

(400 V) 75 kW

(415 V) 75 kW

(500 V) 90 kW

(690 V) 132 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:

03 (Left Side)

Terminal Type:

Lug terminals

Terminal Width:

20 mm

Tightening Torque:

15 ... 22 N·m

Technical UL/CSA**Tightening Torque:**

15 ... 22 N·m

Certificates and Declarations**A2L Certificate – IEC:**[A2L Refrigerant Declaration of Conformity / OS100-800](#)**ATEX Certificate:**[No certification needed](#)**CCC Certificate:**[CCC OS100-160G_2015.pdf](#)**Declaration of Conformity - CE:**[Declaration of Conformity / OS100G_ OS125G_ OS160G_](#)**DNV GL Certificate:**[DNV GL Certificate / OS20...160](#)**UL Certificate:**[No certification needed](#)**External Classifications and Standards****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)

E-Number (Finland):

3660218



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