

PRODUCT-DETAILS

# OS160GD22F

## OS160GD22F SWITCH FUSE



### General Information

Extended Product Type	OS160GD22F
Product ID	1SCA116800R1001
EAN	6417019488783
Catalog Description	OS160GD22F SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,22 (Between the Poles),DIN,000,00,Handle and shaft not included,Switched - Fusible Pole

### Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

### Ordering

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

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## Popular Downloads

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Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206

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## Dimensions

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Product Net Width	182 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.4 kg 5.29 lb

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## Technical

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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
Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40$ °C 160 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 160 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 Voltage ( $I_{cw}$ )	for 1 s 5 kiloampere rms
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 12 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Fourth Pole Type	Switched - Fusible Pole
Switches Operating Mechanism	22 (Between the Poles)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out

Fuse Size	NH000 NH00
Fuse System	DIN
Operating Mode	Front 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 160 A

### Technical UL/CSA

Tightening Torque	15 ... 22 N·m
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### Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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### Certificates and Declarations

CCC Certificate	CCC OS100-160G_ 2015.pdf
Declaration of Conformity - CE	1SCC311137D2703
DNV GL Certificate	1SCC311125D0203
EAC Certificate	EAC OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_ .pdf
REACH Declaration	1SCC011021D0201

### 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	2.6 kg 5.6 lb
Package Level 1 EAN	6417019488783

### Classifications

Object Classification Code	Q
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ETIM 7	EC001040 - Fuse switch disconnecter
ETIM 8	EC001040 - Fuse switch disconnecter
ETIM 9	EC001040 - 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

