

## PRODUCT-DETAILS

# OS100GJ12

## OS100GJ12 FUSIBLE DISCONNECT SWITCH



### General Information

Extended Product Type	OS100GJ12
Product ID	1SCA115665R1001
EAN	6417019479842
Catalog Description	OS100GJ12 FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,3-pole,12 (Between the Poles),Class J,100 A,Handle and shaft not included,

### Popular Downloads

Data Sheet, Technical Information	1SCC311137D0201
Instructions and Manuals	1SCC110037M0206

### Dimensions

Product Net Width	147 mm
Product Net Height	172 mm
Product Net Depth / Length	105 mm
Product Net Weight	1.815 kg 4 lb

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-22A ( $I_e$ )	(500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A ( $I_e$ )	(500 V) 100 A (690 V) 100 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 ( $I_{th}$ )	$q = 40\text{ °C}$ 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	500 V
Rated Short-time Withstand Current ( $I_{cw}$ )	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
Switches Operating Mechanism	12 (Between the Poles)
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Fuse Size	100 A
Fuse System	Class J
Operating Mode	Front Operated
Standards	UL98 IEC 60947-3
Mounting Type	Base mounting
Number of Poles	3
Terminal Type	Lug terminals
Terminal Width	20 mm

## Technical UL/CSA

Horsepower Rating UL/CSA	(acc. to UL 240 V) 30 Hp (acc. to UL 480 V) 60 Hp (acc. to UL 600 V) 75 Hp
Ampere Rating UL/CSA	100 A
Tightening Torque UL/CSA	Wire-Clamp 120 in-lb Cable Lug 50 in-lb

## Certificates and Declarations (Document Number)

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

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Instructions and Manuals	1SCC110037M0206
RoHS Information	1SCC311108D0203

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	192 mm 7.56 in
Package Level 1 Depth / Length	242 mm 9.53 in
Package Level 1 Height	159 mm 6.26 in
Package Level 1 Gross Weight	2.055 kg 4.53 lb
Package Level 1 EAN	6417019479842

Classifications

Object Classification Code	Q
ETIM 4	EC001040 - Fuse switch disconnecter
ETIM 5	EC001040 - Fuse switch disconnecter
ETIM 6	EC001040 - Fuse switch disconnecter
ETIM 7	EC001040 - Fuse switch disconnecter
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

