

PRODUCT-DETAILS

OS100GJ12P

OS100GJ12P FUSIBLE DISCONNECT SWITCH



General Information

Extended Product Type	OS100GJ12P
Product ID	1SCA115666R1001
EAN	6417019479859
Catalog Description	OS100GJ12P FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,3-pole,12 (Between the Poles),Class J,100 A,Handle and shaft included,

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	1SCC311037M0206

Dimensions

Product Net Width	147 mm
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Product Net Height	172 mm
Product Net Depth / Length	105 mm
Product Net Weight	2 kg 4.41 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 °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	Pistol handle and shaft included 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
Rated Current (I_n)	Main Circuit 100 A

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

Environmental

RoHS Status

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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
Instructions and Manuals	1SCC311037M0206
RoHS Information	1SCC311137D2703

Container Information

Package Level 1 Units	box 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	2.245 kg 4.95 lb
Package Level 1 EAN	6417019479859

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
ETIM 8	EC001040 - Fuse switch disconnecter
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601580

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

