



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,

Circular Value	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Product Declaration - EPD	1SCC311196D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Eco Transparency

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

Dimensions

Product Net Width	147 mm
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})	Θ = 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-	(690 V) 80 kA

Circuit Current (I _{nc})	
Power Loss	at Rated Operating Conditions per Pole 12 W
Pollution Degree	3
Handle Type	Pistol handle and shaft 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
Rated Current (I _n)	Main Circuit 100 A

Technical UL/CSA

Ampere Rating	100 A
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
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
Toxic Substances Control Act - TSCA	1SCC011025D0201

Certificates and Declarations

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

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 7	EC001040 - Fuse switch disconnecter
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)	3601580

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

