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,

ABB EcoSolutions

End of Life Instructions	1SCC311047M0201
Environmental Product Declaration - EPD	1SCC311196D0201
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Material Compliance

Conflict Minerals	9AKK108467A5658

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Reporting Template (CMRT)	
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	062526b8-fab4-4322-9c57-675c30fb6b79 Finland (FI)
Simplified SCIP	3150c4b0-89bf-46c6-8953-3f787ca39778 Germany (DE) 82b89c8a-0cde-48e7-a6ba-a7679028d61a Italy (IT) 2e545395-9003-45ae-b213-3368f282b597 Hungary (HU) 32f5f131-53f3-4a47-8b01-ae1baefa2bbf Netherlands (NL) 372baa2b-fccb-4965-87d7-f78bdf70df7f France (FR) ab278d6a-7277-456a-8eae-b7940117b90a Sweden (SE) cf8f9393-59d7-4242-bcef-80284d10c31c Norway (NO) e07d7b19-7558-46f8-85cf-526b9786175c Poland (PL) 0532709f-0e7b-479c-a74e-93bd361b6583 Germany (DE) 94e4f845-539b-456b-a30a-8b978175b27a Sweden (SE) eebf9e6c-5b5b-4166-bf66-ced56df88831 Poland (PL) c38dca72-4560-4f4a-8d61-78038d10a21b Poland (PL) 9b6ef854-76b7-43fa-9bb8-27907e1420c9 Croatia (HR) 224e7848-7eb4-4dc7-9b30-5189a13831dc Bulgaria (BG) 041f87fe-5787-45ba-8a7f-a6959e7ea542 Portugal (PT) a4bc8eaf-d1d9-40f0-bc27-c81068607f50 Greece (GR) 95089603-a8bd-4cda-882a-0fdaf7735b99 Estonia (EE) 8309634d-23f4-4b24-bf80-160e640a0cf9 Belgium (BE) 6c554697-0172-4cc5-87be-92ab347cc4ae Spain (ES) 7082cef3-6ddf-4c95-b732-f37932b39aa1 Czech Republic (CZ) aa4219ba-29eb-40ec-a84e-75ab912bb6e2 Hungary (HU) 39eb3870-b975-4e32-abda-94be3abd6678 Denmark (DK) acd2dd37-d83e-4980-ab51-e6b8f3a7d479 Germany (DE) b8f7d7d5-53fe-4fc5-a827-d5a1a8899425 Germany (DE) 0597d3ec-d75b-40a1-bad8-efaca84a0a54 France (FR) c0cf0b16-7804-4456-9440-57d93d0dc572 Germany (DE) 585e4666-dd18-4e34-9c0f-160b178fca26 Belgium (BE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS100GJ12.igs
Environmental Product Declaration - EPD	1SCC311196D0201
End of Life Instructions	1SCC311047M0201

Environmental

Pollution Degree	3

Ordering

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

Dimensions

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Product Net Width	147 mm
Product Net Height	172 mm
Product Net Depth / Length	105 mm
Product Net Weight	2 kg 4.41 lb

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

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Fuse Size	100 A
Fuse System	Class J
Handle Type	Pistol handle and shaft 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 Operating Conditions per Pole 9 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 100 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) 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
Rated Operational Voltage	Main Circuit 600 V AC
Rated Short-time	for 1 s 5 kiloampere rms

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Withstand Current Low Voltage (I_{cw})	
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	12 (Between the Poles)
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 ... 22 N·m

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	15 ... 22 N·m
Tightening Torque UL/CSA	Wire-Clamp 120 in·lb Cable Lug 50 in·lb

Certificates and Declarations

A2L Certificate – IEC	1SCC311209D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS100-160G_ 2015.pdf
Declaration of Conformity - CE	1SCC311137D2703
DNV GL Certificate	1SCC311125D0203
UL Certificate	cULus certificate OS100GJ_

Classifications

Object Classification Code	Q
ETIM 8	EC001040 - Fuse switch disconnector
ETIM 9	EC001040 - Fuse switch disconnector
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5291 >> Fuse switch disconnector
eClass	V11.1 : 27371401
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601580

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Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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