



PRODUCT-DETAILS

OS100GJS30

OS100GJS30 FUSIBLE DISCONNECT SWITCH



General Information	
Extended Product Type	OS100GJS30
Product ID	1SCA115971R1001
EAN	6417019482415
Catalog Description	OS100GJS30 FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Side Operated,3-pole,30 (Right Side),Class J,100 A,Handle and shaft not included.

ABB EcoSolutions	
ABB Site Meeting Group	UL 2799 Zero Waste To Landfill Validation available
Waste To Landfill Target	
End Of Life Disassembling Instructions	1SCC311047M0201
Environmental Product Declaration - EPD	1SCC311196D0201

Material Compliance	
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)		
REACH Declaration		1SCC011021D0201
RoHS Information		1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019	
Toxic Substances Control Act - TSCA		1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311039M0205
Mechanical Drawings	OS100GJS30.igs
Environmental Product Declaration - EPD	1SCC311196D0201

Environmental

Pollution Degree	3
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Ordering

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

Dimensions

Product Net Width	182 mm
Product Net Height	172 mm
Product Net Depth / Length	117 mm
Product Net Weight	2.05 kg 4.52 lb

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	260 mm 10.2 in
Package Level 1 Depth / Length	290 mm 11.4 in
Package Level 1 Height	190 mm 7.5 in
Package Level 1 Gross Weight	2.3 kg 5.1 lb
Package Level 1 EAN	6417019482415

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	Handle and shaft not included

Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Side 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 Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	30 (Right Side)
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

External Classifications and Standards

Object Classification Code	Q
ETIM 8	EC001040 - Fuse switch disconnecter

ETIM 9	EC001040 - Fuse switch disconnect
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5291 >> Fuse switch disconnect
eClass	V11.1 : 27371401
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

