PRODUCT-DETAILS

OS100GJ04N1P

OS100GJ04N1P FUSIBLE DISCONNECT SWITCH



General Information

Extended Product Type	OS100GJ04N1P
Product ID	1SCA115909R1001
EAN	6417019481777
Catalog Description	OS100GJ04N1P FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,4-pole,04 (Left Side),Class J,100 A,Handle and shaft included,Switched - With Solid Link

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
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
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

Product Net Width	181.5 mm
Product Net Height	220 mm
Product Net Depth / Length	104.5 mm
Product Net Weight	2.62 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	220 mm
Package Level 1 Depth / Length	155 mm
Package Level 1 Height	260 mm
Package Level 1 Gross Weight	2.79 kg
Package Level 1 EAN	6417019481777

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A

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Fourth Pole Position	Left Side
Fourth Pole Type	Switched - With Solid Link
Fuse Size	100 A
Fuse System	Class J
Handle Type	Pistol handle and shaft included
Mounting Type	Base mounting
Number of Poles	4P
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 Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	04 (Left 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

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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)

Categories

Low Voltage Products and Systems → Switches → Switch Fuses



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