PRODUCT-DETAILS

OS60GJ22N1P

OS60GJ22N1P FUSIBLE DISCONNECT SWITCH



General Information

Extended Product Type	OS60GJ22N1P
Product ID	1SCA116735R1001
EAN	6417019488240
Catalog Description	OS60GJ22N1P FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,4-pole,22 (Between the Poles),Class J,60 A,Handle and shaft included,Switched - With Solid Link

ABB EcoSolutions

Environmental Product Declaration - EPD	1SCC311195D0201
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Material Compliance

Conflict Minerals Reporting Template	9AKK108467A5658

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(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	1SCC311036M0212
Environmental Product Declaration - EPD	1SCC311195D0201

Environmental

Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	180 mm
Product Net Height	112 mm
Product Net Depth / Length	118 mm
Product Net Weight	1.5 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	220 mm 8.7 in
Package Level 1 Height	150 mm 5.9 in
Package Level 1 Gross Weight	1.85 kg 4.1 lb
Package Level 1 EAN	6417019488240

Technical

Cable Cross-Section	2.5 ... 25 mm²
Connecting Capacity	Stranded 2.5 … 25 mm² Flexible 2.5 … 25 mm²
Conventional Free-air	Θ = 40 °C 63 A

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Thermal Current (I_{th})	
Conventional Thermal Current (I_{the})	Fully Enclosed 63 A
Fourth Pole Position	Left Side
Fourth Pole Type	Switched - With Solid Link
Fuse Size	60 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 4 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 60 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-21A (I_e)	(500 V) 60 A (690 V) 60 A
Rated Operational Current AC-22A (I_e)	(500 V) 60 A (690 V) 60 A
Rated Operational Current AC-23A (I_e)	(500 V) 60 A (690 V) 60 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 18.5 kW (400 V) 30 kW (415 V) 30 kW (500 V) 37 kW (690 V) 55 kW
Rated Operational Voltage	Main Circuit 600 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kiloampere rms
Standards	UL98 IEC 60947-3
Switches Operating Mechanism	22 (Between the Poles)
Terminal Type	Screw Terminals
Tightening Torque	3 N·m 4 N·m
Wire Stripping Length	Main Circuit 12 mm Main Circuit 0.47 in

Technical UL/CSA

Ampere Rating	60 A
Horsepower Rating UL/CSA	(acc. to UL 240 V) 15 Hp (acc. to UL 480 V) 30 Hp (acc. to UL 600 V) 50 Hp
Wire Stripping Length	Main Circuit 12 mm Main Circuit 0.47 in
Tightening Torque	3 N·m 4 N·m

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Tightening Torque UL/CSA	Wire-Clamp 30 in·lb Wire-Clamp 35 in·lb

Certificates and Declarations

A2L Certificate – IEC	1SCC311208D0201
ATEX Certificate	No certification needed
CCC Certificate	CCC OS32-63G_ 2016.pdf
Declaration of Conformity - CE	1SCC311136D2703
DNV GL Certificate	1SCC311125D0203
UL Certificate	cULus certificate OS60GJ_

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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