PRODUCT-DETAILS

OS100GB04N1P

OS100GB04N1P SWITCH FUSE



General Information

Extended Product Type	OS100GB04N1P
Product ID	1SCA114614R1001
EAN	6417019470344
Catalog Description	OS100GB04N1P SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,04 (Left Side),British Standard,A2-A4,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 Reporting Template (CMRT)	9AKK108467A5658

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REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	56d5ed1e-70b3-490d-8c2c-136ae0bdcbc2 Finland (FI)
Simplified SCIP	790cab1b-58ce-482e-a640-25f3c815773b Germany (DE) 0488685a-1653-49e7-804a-f2519f58b42e Norway (NO) 6ff92433-d8c9-4f55-af33-956812767d37 Sweden (SE) 41de5bf5-92d9-46b0-a6e2-42533fb98f49 Croatia (HR) 3cb93bef-1782-4985-b199-4b4f123a1995 Poland (PL) 6bdde82a-1cb5-4149-9a19-4eae86d1397e Bulgaria (BG) 8b62cd62-9c27-4cc6-8d01-4814255cbb3e Portugal (PT) a2d84f0c-8b69-4cf5-b4fb-be8ba6312e21 Greece (GR) 955f221a-16e4-4e8f-ad3f-8f5ab2c7a5cd Poland (PL) b28d4785-0fc4-4485-8490-a5ea4d0579ad Germany (DE) 0447a848-c2cc-41b6-8c7d-85d562fdc06f Estonia (EE) 57732f1d-5f93-4535-85a9-150059fcacf1 France (FR) 261c2027-1d9c-4240-9b45-83173087c14e Czech Republic (CZ) 41a274b9-63be-4c79-9e5d-a03122758771 Hungary (HU) 6dcdc67b-c0ee-463e-8d38-92453fe7b335 Spain (ES) fc7f2a50-8052-4db0-a65a-59b5a798ed53 Belgium (BE) 550df487-0619-4428-81df-4cca0730fce6 Denmark (DK) 10712c1d-34ad-44bf-a5c8-6d5b5133f5d9 Germany (DE) 091ffea3-266d-46df-9008-550c003c7c3d Germany (DE) e53cffd5-2e23-48b2-8d81-8cba352b4680 France (FR) 2f19f3ce-0c02-49ef-9314-c486555d46f4 Italy (IT) 9bfde72d-f292-409c-acc7-fe30617b3af0 Belgium (BE) b061a041-5c91-4f3e-b6fa-e627f308cb4a Poland (PL) 19cdf528-5891-41c1-99ac-1834d4a54e10 Netherlands (NL) 6bdf77cd-d37a-449f-912c-6697f7fe6cdc Hungary (HU) 8ced6653-db31-43f9-910c-358b56769761 Germany (DE) d2194684-6b52-42c5-bf5f-3926d0e342d6 Sweden (SE)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS100-160GB04F
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	182 mm
Product Net Height	140 mm
Product Net Depth / Length	115 mm
Product Net Weight	2.58 kg 5.69 lb

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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	2.9 kg 6.4 lb
Package Level 1 EAN	6417019470344

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) 30 kW (400 V) 55 kW (415 V) 55 kW (500 V) 55 kW (690 V) 90 kW
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 100 A
Conventional Thermal Current (I_{the})	Fully Enclosed 100 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-Circuit Current (I_{nc})	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 4 W
Pollution Degree	3
Handle Type	Pistol handle and shaft included
Fourth Pole Position	Left Side
Fourth Pole Type	Switched - With Solid Link
Switches Operating Mechanism	04 (Left Side)
Position of Line Terminals	Top In - Bottom Out, Bottom In - Top Out
Fuse Size	A2-A4
Fuse System	British Standard
Operating Mode	Front Operated
Standards	IEC 60947-3
Mounting Type	Base mounting
Number of Poles	4
Cable Cross-Section	2.5 ... 25 mm²
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 … 22 N·m
Rated Current (I_n)	Main Circuit 100 A

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Technical UL/CSA

Tightening Torque	15 … 22 N·m

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	No certification needed

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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