PRODUCT-DETAILS

OS160GD22N1P

OS160GD22N1P SWITCH FUSE



General Information

Extended Product Type	OS160GD22N1P
Product ID	1SCA116731R1001
EAN	6417019488196
Catalog Description	OS160GD22N1P SWITCH FUSE
Long Description	Switch Fuses,Front Operated,4-pole,22 (Between the Poles),DIN,000,00,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	a032e308-e65a-47ff-9afc-87ab85c51f91 Finland (FI)
Simplified SCIP	e60714ee-6c6e-41a0-bf82-1f88f05ffd56 Germany (DE) 6a67bb69-7d2f-41e9-bf9e-3ab62db4e36d France (FR) 347fc3bf-00f9-4b99-9dbc-514831e4d185 Spain (ES) 1d1663fa-2206-4568-ae76-e2871a0659b4 Belgium (BE) 4dbce028-85ed-4cba-97f9-0f5af486af3c Hungary (HU) 7e199f35-facb-4cd8-8f31-c6b88619a1ad Sweden (SE) 50afaafa-5f87-416b-92d3-1cd8ec72a660 Netherlands (NL) 520ad1a2-f47f-4542-8bc0-c075364e9dc7 Czech Republic (CZ) 3bbafb89-25cb-4307-af0e-3f4ebdbcf0a7 Poland (PL) 2453f52a-4de5-4897-816c-c2f1b1e7c607 France (FR) ae3c23bd-0c87-4efd-b889-f3f62bb18b24 Greece (GR) 64e6f580-3b73-450d-bd8a-ce202a8b302d Bulgaria (BG) c6191ddb-e059-4f18-8e60-7a0791f33daf Portugal (PT) 16bfc11d-4ed6-4840-a4b8-eb2d74db5f0c Sweden (SE) 4706092d-8674-4c0a-bee0-a89d2aba417b Hungary (HU) c993c536-ad76-479f-89e9-3ca471ca3c14 Estonia (EE) 8625ed95-5e47-4635-8495-05f2e57990da Croatia (HR) 74ca4b21-46a3-41d0-b342-b1fbe31ab318 Poland (PL) 12986945-5f7f-4646-8bc0-743a80c0035e Germany (DE) 1384c776-4b7f-4d1d-86d9-c95767e9c81a Germany (DE) 07836900-0a77-4e67-970e-fa8f46d72185 Poland (PL) fa3f461d-0e01-4dac-baa1-dd58c6770f44 Italy (IT) a8566127-b18d-4a3e-9883-5a8b40dc11d0 Belgium (BE) 435d9e9d-888e-4d44-8868-e76e53f0bad2 Germany (DE) 42ea9c50-ac07-4046-a345-481298e0f2bd Norway (NO) ec34ebd5-3f60-439a-af4c-546ccc9bc7bb Germany (DE) 4c9b0332-159b-4d26-88e4-5fae52abc38f Denmark (DK)
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311037M0206
Mechanical Drawings	OS160GD_F_22.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

Product Net Width	183 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.6 kg 5.73 lb

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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	250 mm 9.8 in
Package Level 1 Height	155 mm 6.1 in
Package Level 1 Gross Weight	2.76 kg 6.1 lb
Package Level 1 EAN	6417019488196

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Fourth Pole Position	Left Side
Fourth Pole Type	Switched - With Solid Link
Fuse Size	NH000 NH00
Fuse System	DIN
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 160 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) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_e)	(500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(500 V) 160 A (690 V) 160 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 690 V AC
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 5 kiloampere rms
Standards	IEC 60947-3
Switches Operating Mechanism	22 (Between the Poles)
Terminal Type	Lug terminals
Terminal Width	20 mm
Tightening Torque	15 … 22 N·m

Technical UL/CSA

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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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