PRODUCT-DETAILS

OS160GD22N2P

OS160GD22N2P SWITCH FUSE



General Information

Extended Product Type	OS160GD22N2P
Product ID	1SCA115884R1001
EAN	6417019481524
Catalog Description	OS160GD22N2P 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	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
SCIP	8fe7d606-82d1-4397-975b-f77533cddc5c Finland (FI)
Simplified SCIP	a98d88e5-937a-45ff-b8ad-bc23687b7853 Germany (DE) 0e0f9359-d4eb-42ed-91f9-cd1c823f956b Estonia (EE) 97d5c64f-cb96-47a3-89f2-0113c292aee8 Bulgaria (BG) cc45e4ce-4d4a-427c-8cf2-c2e50d40c258 Greece (GR) 6087e7a6-f8ac-4dac-8cb5-9e16b8ac54fc Belgium (BE) 12bc95e4-04a8-4253-a532-d059510fb7db Italy (IT) d6ad4651-5ff7-4837-8ce6-1c4182352725 Poland (PL) c5ffbf52-71ba-476e-a70e-560fe853bc4a Belgium (BE) 9e334221-1a96-428e-b234-da16e2634d6a Spain (ES) 2626fb29-b8b7-4f87-aa74-33450ef1262f Sweden (SE) b8522057-bcfe-432c-a78e-3917572e532d Poland (PL) c49aba91-d763-4532-b70b-477151cd42fa Germany (DE) fa3f0cbd-89ee-4ef8-9ec3-47b4a369ce39 Portugal (PT) c047f66c-9f11-4671-9c02-2b1e4a2756d8 Hungary (HU) 5462e329-39bc-489c-96ac-0e9115f6b8c1 Croatia (HR) eeb27610-fa82-4ce3-8598-3d9ab83e4e53 Denmark (DK) dc52cd27-9988-4026-acb2-bee954a934e3 Germany (DE) 22a4930b-9e56-4d3b-871e-15a058a14f08 Germany (DE) b40de4f0-6eee-4379-985a-d17f51772b23 Czech Republic (CZ) f2557c90-d9cf-4b52-a97c-6f641d4f2861 France (FR) e1a7e207-61f8-4ccb-adf1-338eeab9fc53 Norway (NO) 6e610a22-1342-426d-b8a7-c288104f63ea Poland (PL) 85019fb3-367b-4d2d-be75-bbdab0f3c619 Netherlands (NL) f0dad139-5e65-4c47-a399-b88ec7fb5254 Hungary (HU) d3c868bf-5fe9-4169-98e8-05ebd0657f2b Germany (DE) 8c7cdf83-7838-4f3a-9981-6366de0b1aaf Sweden (SE) f38c6f6d-d521-4d1e-a1e0-99267743ffdd France (FR)
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

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Product Net Width	182 mm
Product Net Height	140 mm
Product Net Depth / Length	130 mm
Product Net Weight	2.6 kg 5.73 lb

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	6417019481524

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	Right 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

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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

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)
E-Number (Finland)	3660349
E-Number (Sweden)	3172117

Categories

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Low Voltage Products and Systems → Switches → Switch Fuses



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