PRODUCT-DETAILS

OS125GD22N2P

OS125GD22N2P SWITCH FUSE



General Information

Extended Product Type	OS125GD22N2P
Product ID	1SCA115880R1001
EAN	6417019481487
Catalog Description	OS125GD22N2P 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	3df7286d-3e48-4b99-9053-75cbd333a153 Finland (FI)
Simplified SCIP	caeb6a30-dedf-423d-b802-9625346b9569 Germany (DE) a64ef4f8-3894-4b8f-a7ed-046e39621caa Sweden (SE) 8774b404-74e5-4bea-a823-86b517e11bf2 Poland (PL) c3b1589e-1415-42a7-aefd-95c4770a0577 Estonia (EE) fd26383b-67f4-4f04-ad16-c6c8266ea961 Greece (GR) 0c22a4f9-56db-4e24-8307-7390893bf600 Portugal (PT) dd709264-eac2-4407-90f7-102e8236e71c Hungary (HU) 262834a1-a966-4d65-9f1b-fe39a121e321 Germany (DE) e13ee5c2-7687-406c-b600-c062630a0709 Belgium (BE) 3a1cea84-098d-426a-9e8c-6c0ca9736737 Italy (IT) a31ed409-6d20-42ee-9f9d-7def72412dbf Poland (PL) b1a1db4d-b555-4cf6-bf68-2374ffce3be1 Poland (PL) ef9dd8a5-bebd-412e-a099-ef8db31479da Croatia (HR) 1aa489cb-ae74-4140-be65-017e71bf38c0 Bulgaria (BG) cf6ff01a-a6ff-494a-a630-3e03d8ec50ce Sweden (SE) fc7f04ea-a976-4c53-852c-5ca4a665f6d9 France (FR) 5f0b476e-3598-49cc-bfbe-4c1fddf9a6be France (FR) c91d2aee-f252-49bf-bf2e-64d231f4611f Belgium (BE) 64cc16d4-1c3b-40e8-8d56-b72d35184d50 Hungary (HU) 5292672c-20a9-4b82-8302-d0b687c4832d Spain (ES) 4d9aeff6-173f-435d-bdc3-9814e74f393a Germany (DE) 4ac07581-cf41-470d-8318-05e7a36d0bcd Denmark (DK) 9fea2df8-85b5-483c-a6f0-53871b9eb81a Czech Republic (CZ) f99ef7c2-a547-429f-9e83-ebefca59a179 Germany (DE) 3a680bf1-79ab-4de9-897d-8e0b00812794 Norway (NO) fd5c4717-986d-4598-bacc-a020929ef90e Netherlands (NL) fca7944e-f153-4302-bd92-7a168ba9aa84 Germany (DE)
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	6417019481487

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 125 A
Conventional Thermal Current (I_{the})	Fully Enclosed 125 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 4 W
Rated Conditional Short-Circuit Current (I_{nc})	(690 V) 80 kA
Rated Current (I_n)	Main Circuit 125 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) 125 A (690 V) 125 A
Rated Operational Current AC-22A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 37 kW (400 V) 55 kW (415 V) 55 kW (500 V) 75 kW (690 V) 110 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)	3660343
E-Number (Sweden)	3172115

Categories

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Low Voltage Products and Systems → Switches → Switch Fuses



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