



PRODUCT-DETAILS

OS125GD22N2

OS125GD22N2 SWITCH FUSE



| General Information | |
|-----------------------|---|
| Extended Product Type | OS125GD22N2 |
| Product ID | 1SCA115879R1001 |
| EAN | 6417019481470 |
| Catalog Description | OS125GD22N2 SWITCH FUSE |
| Long Description | Switch Fuses,Front Operated,4-pole,22 (Between the Poles),DIN,000,00,Handle and shaft not included,Switched - With Solid Link |

| ABB EcoSolutions | |
|--------------------------|---|
| ABB Site Meeting Group | UL 2799 Zero Waste To Landfill Validation available |
| Waste To Landfill Target | |
| End Of Life | 1SCC311047M0201 |
| Disassembling | |
| Instructions | |
| Environmental Product | 1SCC311196D0201 |
| Declaration - EPD | |

| Material Compliance | | |
|---|--|-----------------|
| Conflict Minerals Reporting Template (CMRT) | | 9AKK108467A5658 |
| 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 | | 1SCC311037M0206 |
| Mechanical Drawings | | OS160GD_F_22.igs |
| Environmental Product Declaration - EPD | | 1SCC311196D0201 |

| 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 | | 2.4 kg 5.29 lb |

| 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 | | 2.6 kg 5.6 lb |
| Package Level 1 EAN | | 6417019481470 |

Technical

| | |
|---|--|
| Conventional Free-air Thermal Current (I_{th}) | $\Theta = 40\text{ °C}$ 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 | Handle and shaft not 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 |
| 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 |

External Classifications and Standards

| | |
|------------------------------------|--|
| Object Classification Code | Q |
| ETIM 8 | EC001040 - Fuse switch disconnectors |
| ETIM 9 | EC001040 - Fuse switch disconnectors |
| UNSPSC | 39122233 |
| IDEA Granular Category Code (IGCC) | 5291 >> Fuse switch disconnectors |
| eClass | V11.1 : 27371401 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3660342 |

Categories

Low Voltage Products and Systems → Switches → Switch Fuses

