PRODUCT-DETAILS

# OS125GB12

## OS125GB12 SWITCH FUSE



### General Information

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|---|---|
| Extended Product Type | OS125GB12 |
| Product ID | 1SCA115635R1001 |
| EAN | 6417019479736 |
| Catalog Description | OS125GB12 SWITCH FUSE |
| Long Description | Switch Fuses,Front Operated,3-pole,12 (Between the Poles),British Standard,A2-A4,Handle and shaft not included, |

### Ordering

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|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |
| Country of Origin | Finland (FI) |

### Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC311137D0201 |
| Instructions and Manuals | 1SCC110037M0206 |

### Dimensions

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|---|---|
| Product Net Width | 192 mm |

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|---|---|
| Product Net Height | 146 mm |
| Product Net Depth / Length | 192 mm |
| Product Net Weight | 1.835 kg<br>4.05 lb |

## Technical

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|---|---|
| Rated Operational Current AC-21A ($I_e$) | (500 V) 125 A<br>(690 V) 125 A |
| Rated Operational Current AC-22A ($I_e$) | (500 V) 125 A<br>(690 V) 125 A |
| Rated Operational Current AC-23A ($I_e$) | (500 V) 125 A<br>(690 V) 125 A |
| Rated Operational Power AC-23A ($P_e$) | (220 ... 240 V) 37 kW<br>(400 V) 55 kW<br>(415 V) 55 kW<br>(500 V) 75 kW<br>(690 V) 110 kW |
| Conventional Free-air Thermal Current ($I_{th}$) | q = 40 °C 125 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 125 A |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 8 kV |
| Rated Insulation Voltage ($U_i$) | 1000 V |
| Rated Operational Voltage | 500 V |
| Rated Short-time Withstand Current ($I_{cw}$) | 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 12 W |
| Pollution Degree | 3 |
| Handle Type | Handle and shaft not included |
| Switches Operating Mechanism | 12 (Between the Poles) |
| 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 | 3 |
| Terminal Type | Lug terminals |
| Terminal Width | 20 mm |
| Tightening Torque | 15 ... 22 N·m |
| Fuse Type | BS |

## Environmental

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|---|---|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| CCC Certificate | CCC OS100-160G_ 2015.pdf |
| Declaration of | 1SCC311137D2703 |

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|---|---|
| Conformity - CE | |
| DNV GL Certificate | 1SCC311125D0203 |
| EAC Certificate | EAC OT_OTDC_OTL_OTP_OTR_OTU_OTE_OETL_OESA_OESC_OTM_OS_OSM_.pdf |
| Instructions and Manuals | 1SCC110037M0206 |
| RoHS Information | 1SCC311137D2703 |

## Container Information

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|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 170 mm<br>6.7 in |
| Package Level 1 Depth / Length | 220 mm<br>8.7 in |
| Package Level 1 Height | 150 mm<br>5.9 in |
| Package Level 1 Gross Weight | 2 kg<br>4.4 lb |
| Package Level 1 EAN | 6417019479736 |

## Classifications

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|---|---|
| Object Classification Code | Q |
| ETIM 4 | EC001040 - Fuse switch disconnector |
| ETIM 5 | EC001040 - Fuse switch disconnector |
| ETIM 6 | EC001040 - Fuse switch disconnector |
| ETIM 7 | EC001040 - Fuse switch disconnector |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses

