PRODUCT-DETAILS

# OS250B03BBP

# OS250B03BBP SPECIAL CONNECTED SWITCH FUSE



## General Information

| | |
|---|---|
| Extended Product Type | OS250B03BBP |
| Product ID | 1SCA102168R1001 |
| EAN | 6417019369532 |
| Catalog Description | OS250B03BBP SPECIAL CONNECTED SWITCH FUSE |
| Long Description | Switch Fuses,Front Operated,3-pole,03 (Left Side),British Standard,B1-B3,Handle and shaft included. |

## ABB EcoSolutions

| | |
|---|---|
| Environmental Product Declaration - EPD | 1SCC311197D0201 |

## Material Compliance

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| SCIP | 9e0aa93d-6298-4f9b-ba62-c270639699e9 Finland (FI) |
| Simplified SCIP | 60d94c25-edd1-4db8-b1cf-e9dd8b6372df Germany (DE)<br>01d2c8d1-a13e-45ec-82c5-4a2d0db71381 Germany (DE)<br>81a09d74-fa94-4536-82a7-2584284907f3 Denmark (DK)<br>c0255c30-474c-46d0-a09c-195c96606b5f Italy (IT)<br>f71f686f-7edf-4324-8dd0-9911c3ddc0d9 Poland (PL)<br>2bb2330b-cc14-4bde-8017-30a63c1201b3 Spain (ES)<br>ed98dd8a-93f5-41bf-a19a-eef55a73a206 Belgium (BE)<br>dcbf6fc8-4444-4617-af08-b425a27b5f25 Sweden (SE)<br>f5926c63-2cc2-4502-af76-6983504c57d6 Poland (PL)<br>e2218d50-c39f-483a-bf69-9ff2109b1ad8 France (FR)<br>c96651d0-1682-4789-bfe1-e3ddd6d34011 Greece (GR)<br>201bac8f-3194-4549-a338-cb70a97aa574 Bulgaria (BG)<br>625dc67d-d47c-4c18-8606-bcbdc7aecfa7 Sweden (SE)<br>0c6c6d8b-1946-4003-9f1e-86c8678492e1 Hungary (HU)<br>062c1169-f23c-4db5-9979-06eb12f38e46 Estonia (EE)<br>e02d0c05-ceed-4976-8d36-25f4c703340c Netherlands (NL)<br>826ee44a-540a-4aec-ab12-0c742b1a046a Poland (PL)<br>276ac899-7cf3-41a0-b358-f0c4562d3a06 Portugal (PT)<br>ede90cc1-a3fc-4416-b809-3411a4755b14 Czech Republic (CZ)<br>7109afa3-5621-4cdc-bf38-bd38a6f69790 Croatia (HR)<br>b8f32c0d-0851-4b71-99ab-2f60f859e580 Germany (DE)<br>f727c0e6-8c41-4c52-bd88-ba1ecd179249 Germany (DE)<br>8c05070c-30a4-4483-81ad-215ac2f98da9 Norway (NO)<br>b352c383-bf41-4ee0-aa00-69b5eb05648b Belgium (BE)<br>4ab3e684-d402-42e0-8d17-c6ba92998c35 Germany (DE)<br>893746c1-1d8b-4bb4-89db-2215bd7c05bd Hungary (HU)<br>4ca75eb5-2a2f-491f-986c-874b1fc84f35 France (FR) |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC311013C0201 |
| Instructions and Manuals | 1SCC311012M0011 |
| Environmental Product Declaration - EPD | 1SCC311197D0201 |

## Environmental

| | |
|---|---|
| Pollution Degree | 3 |

## Ordering

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

## Dimensions

| | |
|---|---|
| Product Net Width | 208 mm |
| Product Net Height | 149 mm |
| Product Net Depth / Length | 203 mm |
| Product Net Weight | 3.0 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 204 mm |
| Package Level 1 Depth / | 275 mm |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| Length | |
| Package Level 1 Height | 167 mm |
| Package Level 1 Gross Weight | 3.0 kg |
| Package Level 1 EAN | 6417019369532 |

## Technical

| | |
|---|---|
| Conventional Free-air Thermal Current ($I_{th}$) | Θ = 40 °C 250 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 250 A |
| Fuse Size | B1-B3 |
| Fuse System | British Standard |
| Handle Type | Pistol handle and shaft included |
| Mounting Type | Base mounting |
| Number of Poles | 3P |
| Operating Mode | Front Operated |
| Pollution Degree | 3 |
| Position of Line Terminals | Back In - Back Out |
| Power Loss | at Rated Operating Conditions per Pole 13 W |
| Rated Conditional Short-Circuit Current ($I_{nc}$) | (690 V) 80 kA |
| Rated Current ($I_n$) | Main Circuit 250 A |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 12 kV |
| Rated Insulation Voltage ($U_i$) | 1000 V |
| Rated Operational Current AC-21A ($I_e$) | (500 V) 250 A<br>(690 V) 250 A |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 250 A<br>(500 V) 250 A<br>(690 V) 250 A |
| Rated Operational Power AC-23A ($P_e$) | (220 ... 240 V) 75 kW<br>(400 V) 140 kW<br>(415 V) 145 kW<br>(500 V) 170 kW<br>(690 V) 250 kW |
| Rated Operational Voltage | Main Circuit 690 V AC |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 8 kiloampere rms |
| Standards | IEC 60947-3 |
| Switches Operating Mechanism | 03 (Left Side) |
| Terminal Type | Lug terminals |
| Terminal Width | 25 mm |
| Tightening Torque | 30 ... 44 N·m |

## Technical UL/CSA

| | |
|---|---|
| Tightening Torque | 30 ... 44 N·m |

## Certificates and Declarations

| | |
|---|---|
| A2L Certificate - IEC | 1SCC311209D0201 |
| ATEX Certificate | No certification needed |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| Declaration of Conformity - CE | 1SCC311120D2702 |
| DNV GL Certificate | 1SCC311132D0201 |
| 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



© 2024 ABB. All rights reserved.