PRODUCT-DETAILS

# OS800B04N1

# OS800B04N1 SWITCH FUSE



## General Information

| | |
|---|---|
| Extended Product Type | OS800B04N1 |
| Product ID | 1SCA022837R6050 |
| EAN | 6417019291994 |
| Catalog Description | OS800B04N1 SWITCH FUSE |
| Long Description | Switch Fuses,Front Operated,4-pole,04 (Left Side),British Standard,C1-C3,Handle and shaft not included,Switched - With Solid Link |

## ABB EcoSolutions

| | |
|---|---|
| Environmental Product Declaration - EPD | 1SCC311202D0201 |
| Group Waste to Landfill Target | UL 2799 Zero Waste To Landfill Validation available |

## Material Compliance

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

© 2024 ABB. All rights reserved.

| | |
|---|---|
| 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 | 1SCC311016M0210 |
| Environmental Product Declaration - EPD | 1SCC311202D0201 |

## Environmental

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

## Ordering

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

## Dimensions

| | |
|---|---|
| Product Net Width | 431 mm |
| Product Net Height | 306 mm |
| Product Net Depth / Length | 233 mm |
| Product Net Weight | 18.464 kg<br>40.71 lb |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 328 mm |
| Package Level 1 Depth / Length | 453 mm |
| Package Level 1 Height | 260 mm |
| Package Level 1 Gross Weight | 19.384 kg<br>42.73 lb |
| Package Level 1 EAN | 6417019291994 |

## Technical

| | |
|---|---|
| Conventional Free-air Thermal Current ($I_{th}$) | Θ = 40 °C 800 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 720 A |
| Fourth Pole Position | Left Side |
| Fourth Pole Type | Switched - With Solid Link |
| Fuse Size | C1-C3 |
| Fuse System | British Standard |
| Handle Type | Handle and shaft not included |
| Mounting Type | Base mounting |
| Number of Poles | 4P |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| 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 75 W |
| Rated Conditional Short-Circuit Current ($I_{nc}$) | (690 V) 80 kA |
| Rated Current ($I_n$) | Main Circuit 800 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) 800 A<br>(690 V) 800 A |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 800 A<br>(500 V) 800 A<br>(690 V) 800 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 800 A<br>(500 V) 800 A<br>(690 V) 800 A |
| Rated Operational Power AC-23A ($P_e$) | (220 ... 240 V) 250 kW<br>(400 V) 450 kW<br>(415 V) 450 kW<br>(500 V) 560 kW<br>(690 V) 710 kW |
| Rated Operational Voltage | Main Circuit 690 V AC |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 18 kiloampere rms |
| Standards | IEC 60947-3 |
| Switches Operating Mechanism | 04 (Left Side) |
| Terminal Type | Lug terminals |
| Terminal Width | 39 mm |
| Tightening Torque | 50 ... 75 N·m |

## Technical UL/CSA

| | |
|---|---|
| Tightening Torque | 50 ... 75 N·m |

## Certificates and Declarations

| | |
|---|---|
| A2L Certificate - IEC | 1SCC311209D0201 |
| ATEX Certificate | No certification needed |
| CCC Certificate | CCC OS630-800 2016 |
| Declaration of Conformity - CE | 1SCC311112D2704 |
| DNV GL Certificate | 1SCC311131D0203 |
| 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) |

© 2024 ABB. All rights reserved.

## Categories

Low Voltage Products and Systems → Switches → Switch Fuses



© 2024 ABB. All rights reserved.