



PRODUCT-DETAILS

# BZH2000A-T-3P-M12

## BZH2000A-T-3P-M12 Switch disconnecter



| General Information   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | BZH2000A-T-3P-M12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product ID            | 1SEP622295R0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| EAN                   | 3800161652875                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Catalog Description   | BZH2000A-T-3P-M12 Switch disconnecter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Long Description      | <p>Cu+ switch disconnectors are specially engineered to perform in surroundings with high ambient temperatures and are available as 1P and 3P variants.</p> <p>All Cu+ switch disconnectors have been tested and approved for performance exceeding the requirements of IEC60947-1 and IEC60947-3. Enabling use in ambient temperatures up to 55°C (131°F) without requiring derating, the switches can be applied with 100% of the rated current Ie.</p> <p>Cu+ switch disconnectors are available for 1000A - 2000A and are factory equipped with optimized fuse knives.</p> <p>InLine II Cu+ replaces the old range of SLBM and BSL switches 1:1.</p> |

| ABB EcoSolutions                       |                                                     |
|----------------------------------------|-----------------------------------------------------|
| ABB Site Meeting Group                 | No non-hazardous waste is sent to a landfill        |
| Waste To Landfill Target               | UL 2799 Zero Waste To Landfill Validation available |
| End Of Life Disassembling Instructions | 9AKK108470A6421                                     |

## Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                        |
| REACH Declaration                           | 1SCC011021D0201                                                        |
| RoHS Declaration                            | 1SCC011020D0201                                                        |
| RoHS Information                            | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Popular Downloads

|                                   |                                                       |
|-----------------------------------|-------------------------------------------------------|
| Data Sheet, Technical Information | 1SEC312023D0201                                       |
| Instructions and Manuals          | 9AKK107680A5077                                       |
| Mechanical Drawings               | 9AKK107680A8033<br>9AKK107991A5730<br>9AKK107991A5731 |

## Environmental

|                      |            |
|----------------------|------------|
| Degree of Protection | Front IP30 |
|----------------------|------------|

## Ordering

|                                |          |
|--------------------------------|----------|
| Minimum Order Quantity         | 1 piece  |
| Customs Tariff Number          | 85389099 |
| Country or Territory of Origin | Bulgaria |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Frame Size         | High   |
| Product Net Width          | 199 mm |
| Product Net Height         | 662 mm |
| Product Net Depth / Length | 222 mm |
| Product Net Weight         | 20 kg  |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 199 mm        |
| Package Level 1 Depth / Length | 222 mm        |
| Package Level 1 Height         | 662 mm        |
| Package Level 1 Gross Weight   | 20.5 kg       |
| Package Level 1 EAN            | 3800161652875 |

## Technical

|                            |                     |
|----------------------------|---------------------|
| Degree of Protection       | Front IP30          |
| Device Type Manager (DTM)  | Switch disconnecter |
| Distance Between Phases    | 185 mm              |
| Electronic Fuse Monitoring | No                  |

|                                                             |                                                           |
|-------------------------------------------------------------|-----------------------------------------------------------|
| Fuse Size                                                   | Solid link                                                |
| Fuse System                                                 | DIN                                                       |
| Handle Type                                                 | 3P                                                        |
| Number of Poles                                             | 3P                                                        |
| Power Loss                                                  | at Rated Load 367.6 W                                     |
| Rated Current ( $I_n$ )                                     | Main Circuit 2000 A                                       |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | Main Circuit 8 kV                                         |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V                                                    |
| Rated Operational Current AC-20B                            | (690 V) 2000 A<br>(500 V) 2000 A                          |
| Rated Operational Current AC-21B ( $I_e$ )                  | (690 V) 2000 A<br>(500 V) 2000 A                          |
| Rated Operational Current AC-22B ( $I_e$ )                  | (500 V) 2000 A                                            |
| Rated Operational Voltage                                   | 690 V AC                                                  |
| Rated Short-Circuit Making Capacity ( $I_{cm}$ )            | 30 kiloampere rms                                         |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | (730 V AC) 30 kiloampere rms<br>for 1 s 30 kiloampere rms |
| Standards                                                   | IEC60947-3                                                |
| Terminal Type                                               | Bolt                                                      |
| Tightening Torque                                           | 35 N·m                                                    |

Technical UL/CSA

|                   |        |
|-------------------|--------|
| Tightening Torque | 35 N·m |
|-------------------|--------|

Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SEP500046P0001 |
|--------------------------------|-----------------|

External Classifications and Standards

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Object Classification Code | Q                                                           |
| ETIM 9                     | EC001040 - Fuse switch disconnecter                         |
| ETIM 10                    | EC000216 - Switch disconnecter (AC)                         |
| eClass                     | V11.1 : 27371401                                            |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Fusegear → Fuse Switch Disconnectors → Inline II

