



PRODUCT-DETAILS

# BZH2000A-T-3P-M12-TK

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



| General Information   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | BZH2000A-T-3P-M12-TK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product ID            | 1SEP622293R0001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| EAN                   | 3800161652882                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Catalog Description   | BZH2000A-T-3P-M12-TK 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 | 9AKK108470A6421                                     |

Instructions

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               | 9AKK107680A8041<br>9AKK107991A5734<br>9AKK107991A5735 |

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         | 775 mm  |
| Product Net Depth / Length | 222 mm  |
| Product Net Weight         | 22.5 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         | 775 mm        |
| Package Level 1 Gross Weight   | 23 kg         |
| Package Level 1 EAN            | 3800161652882 |

| 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 597.9 W                                     |
| Rated Current (I <sub>n</sub> )                                   | Main Circuit 2000 A                                       |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | Main Circuit 8 kV                                         |
| Rated Insulation Voltage (U <sub>i</sub> )                        | 1000 V                                                    |
| Rated Operational Current AC-20B                                  | (690 V) 2000 A<br>(500 V) 2000 A                          |
| Rated Operational Current AC-21B (I <sub>e</sub> )                | (690 V) 2000 A<br>(500 V) 2000 A                          |
| Rated Operational Current AC-22B (I <sub>e</sub> )                | (500 V) 2000 A                                            |
| Rated Operational Voltage                                         | 690 V AC                                                  |
| Rated Short-Circuit Making Capacity (I <sub>cm</sub> )            | 30 kiloampere rms                                         |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | (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) |

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## Categories

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

