

PRODUCT-DETAILS

# EP102GI20

## EP102GI20 Miniature Circuit Breaker



### General Information

|                       |                                     |
|-----------------------|-------------------------------------|
| Extended Product Type | EP102GI20                           |
| Product ID            | 2CDB133201R0203                     |
| EAN                   | 5413656709435                       |
| Catalog Description   | EP102GI20 Miniature Circuit Breaker |
| Long Description      | MCB EP100Gi 10kA 2P Gi 20A          |

### Eco Transparency

|   |                 |
|---|-----------------|
| Environmental Product Declaration - EPD | 9AKK108468A0272 |
|---|-----------------|

### Technical

|  |                                      |
|--|--------------------------------------|
| Standards                                      | IEC/EN 60898-1<br>IEC/EN 60947-2     |
| Tripping Characteristic                        | Gi                                   |
| Rated Operational Voltage                      | 400 V AC                             |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )  | 6 kV                                 |
| Rated Current ( $I_n$ )                        | 20 A                                 |
| Rated Short-Circuit Capacity                   | (400 V AC) 10 kA                     |
| Rated Ultimate Short-Circuit Breaking Capacity | (230 V AC) 30 kA<br>(400 V AC) 15 kA |

(I<sub>cu</sub>)

|                           |            |
|---------------------------|------------|
| Rated Frequency (f)       | 50 / 60 Hz |
| Energy Limiting Class     | 3          |
| Number of Poles           | 2          |
| Number of Protected Poles | 2          |
| Overvoltage Category      | III        |
| Accessories Available     | Yes        |
| Number of Batteries       | 0          |

## Environmental

|   |                                   |
|---|-----------------------------------|
| Degree of Protection                        | IP20                              |
| Pollution Degree                            | 2                                 |
| RoHS Status                                 | Following EU Directive 2011/65/EU |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                   |

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 2       |
| Product Net Width                   | 0.036 m |
| Product Net Height                  | 0.086 m |
| Product Net Depth / Length          | 0.076 m |
| Product Net Weight                  | 0.24 kg |

## Ordering

|                              |              |
|------------------------------|--------------|
| Minimum Order Quantity       | 6 piece      |
| Package Level 1 Units        | pack 6 piece |
| Package Level 1 Gross Weight | 1.57 kg      |

## Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Certification Agency           | EN<br>IEC       |
| Declaration of Conformity - CE | 9AKK107991A0940 |

## Installation

|                          |                    |
|--------------------------|--------------------|
| Instructions and Manuals | No document needed |
|--------------------------|--------------------|

## Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | No document needed |
|-----------------------------------|--------------------|

## Classifications

|               |  |
|---------------|--|
| ETIM 8        | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 9        | EC000042 - Miniature circuit breaker (MCB)                 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

|                                    |                                    |
|------------------------------------|------------------------------------|
| WEEE B2C / B2B                     | Business To Consumer               |
| CN8                                | 8536 20 10                         |
| UNSPSC                             | 39121603                           |
| eClass                             | V11.0 : 27141901                   |
| IDEA Granular Category Code (IGCC) | 4897 >> Miniature circuit breakers |
| Object Classification Code         | Q                                  |

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → ABB VY → MCB ABB VY → EP100 Gi ABB VY

