

PRODUCT-DETAILS

# EP103GI20

## EP103GI20 Miniature Circuit Breaker



### General Information

|                         |                                     |
|-------------------------|-------------------------------------|
| Global Commercial Alias | EP103GI20                           |
| Extended Product Type   | EP103GI20                           |
| Product ID              | 2CDB133301R0203                     |
| EAN                     | 5413656709565                       |
| Catalog Description     | EP103GI20 Miniature Circuit Breaker |
| Long Description        | MCB EP100Gi 10kA 3P Gi 20A          |

### Technical

|                                                             |                                      |
|-------------------------------------------------------------|--------------------------------------|
| Standards                                                   | IEC/EN 60898-1<br>IEC/EN 60947-2     |
| Product Name                                                | Miniature Circuit Breaker            |
| 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 ( $I_{cn}$ )                   | (400 V AC) 10 kA                     |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (230 V AC) 30 kA<br>(400 V AC) 15 kA |
| Rated Frequency (f)                                         | 50 / 60 Hz                           |

|                           |     |
|---------------------------|-----|
| Energy Limiting Class     | 3   |
| Number of Poles           | 3   |
| Number of Protected Poles | 3   |
| 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 |

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 3       |
| Product Net Width                   | 0.054 m |
| Product Net Height                  | 0.086 m |
| Product Net Depth / Length          | 0.076 m |
| Product Net Weight                  | 0.36 kg |

## Container Information

|                                |              |
|--------------------------------|--------------|
| Package Level 1 Units          | pack 4 piece |
| Package Level 1 Width          | 0.075 m      |
| Package Level 1 Height         | 0.092 m      |
| Package Level 1 Depth / Length | 0.212 m      |
| Package Level 1 Gross Weight   | 1.57 kg      |

## Ordering

|                         |             |
|-------------------------|-------------|
| Minimum Order Quantity  | 1 piece     |
| Customs Tariff Number   | 85362010    |
| Country of Origin       | Poland (PL) |
| Selling Unit of Measure | piece       |

## Certificates and Declarations (Document Number)

|                                |                    |
|--------------------------------|--------------------|
| Certification Agency           | EN<br>IEC          |
| Declaration of Conformity - CE | 9AKK107991A0940    |
| Instructions and Manuals       | No document needed |

## Popular Downloads

|                                   |                    |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | No document needed |
| Instructions and Manuals          | No document needed |

**Classifications**

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 6                     | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 7                     | EC000042 - Miniature circuit breaker (MCB)                 |
| ETIM 8                     | EC000042 - Miniature circuit breaker (MCB)                 |
| EPLAN Catalog Tree         | Electrical engineering / Protection devices / General      |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                       |
| CN8                        | 8536 20 10                                                 |
| UNSPSC                     | 39121614                                                   |
| eClass                     | V11.0 : 27141901                                           |
| Object Classification Code | Q                                                          |

**Categories**

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

