

## PRODUCT-DETAILS

# EPC32C20

## EPC32C20 Miniature Circuit Breaker



### General Information

|                         |                                    |
|-------------------------|------------------------------------|
| Global Commercial Alias | EPC32C20                           |
| Extended Product Type   | EPC32C20                           |
| Product ID              | 2CDB111201R0204                    |
| EAN                     | 5413656949381                      |
| Catalog Description     | EPC32C20 Miniature Circuit Breaker |
| Long Description        | MCB EPC30 3kA 2P C 20A             |

### Technical

|                                                     |                                  |
|-----------------------------------------------------|----------------------------------|
| Standards                                           | IEC/EN 60898-1<br>IEC/EN 60947-2 |
| Product Name                                        | Miniature Circuit Breaker        |
| Tripping Characteristic                             | C                                |
| Rated Operational Voltage                           | 400 V AC                         |
| Rated Insulation Voltage (U <sub>i</sub> )          | acc. to IEC/EN 60664-1 500 V     |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 6 kV                             |
| Input Voltage Type                                  | AC                               |
| Rated Current (I <sub>n</sub> )                     | 20 A                             |
| Rated Short-Circuit Capacity (I <sub>cn</sub> )     | 3 kA<br>(415 V AC) 3 kA          |
| Rated Ultimate Short-                               | 3 kA                             |

|                                                      |                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------|
| Circuit Breaking Capacity ( $I_{cu}$ )               | (415 V AC) 3 kA                                                           |
| Rated Conditional Short-Circuit Current ( $I_{nc}$ ) | (230 V) 5 kA<br>(400 V) 5 kA                                              |
| 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                                                                         |
| Connecting Capacity                                  | Flexible 0.75 ... 10 mm <sup>2</sup><br>Rigid 0.75 ... 16 mm <sup>2</sup> |

## Environmental

|                         |                                   |
|-------------------------|-----------------------------------|
| Ambient Air Temperature | Operation -20 ... +55 °C          |
| Degree of Protection    | IP20                              |
| Pollution Degree        | 2                                 |
| RoHS Status             | Following EU Directive 2011/65/EU |

## Dimensions

|                                     |         |
|-------------------------------------|---------|
| Width in Number of Modular Spacings | 2       |
| Product Net Width                   | 0.018 m |
| Product Net Height                  | 0.086 m |
| Product Net Depth / Length          | 0.076 m |
| Product Net Weight                  | 0.16 kg |
| Built-In Depth ( $t_2$ )            | 70 mm   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | pack 12 piece |
| Package Level 1 Width          | 0.077 m       |
| Package Level 1 Height         | 0.092 m       |
| Package Level 1 Depth / Length | 0.216 m       |
| Package Level 1 Gross Weight   | 2.05 kg       |

## Ordering

|                         |             |
|-------------------------|-------------|
| Minimum Order Quantity  | 1 piece     |
| Customs Tariff Number   | 85364900    |
| Country of Origin       | Poland (PL) |
| Selling Unit of Measure | piece       |

## Certificates and Declarations (Document Number)

|                                |                       |
|--------------------------------|-----------------------|
| Certification Agency           | EN<br>IEC             |
| Declaration of Conformity - CE | No declaration needed |

|                          |                    |
|--------------------------|--------------------|
| 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 49 00                                                 |
| UNSPSC                     | 39121614                                                   |
| eClass                     | V11.0 : 27141901                                           |
| Object Classification Code | Q                                                          |

Categories

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

