

# Product datasheet

Specifications



## Miniature circuit breaker, Easy9, 2P, 1 A, C curve, 10000 A

EZ9F71201

⚠ Discontinued on: 19-Jan-2022

⚠ Discontinued

### Main

|                           |  |
|---------------------------|--|
| Range                     | Easy9  |
| Device application        | Distribution   |
| Product or component type | Miniature circuit-breaker                                  |
| Device short name         | Easy9 MCB  |
| Poles                     | 2P   |
| Number of protected poles | 2  |
| [In] rated current        | 1 A  |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| Breaking capacity         | 10000 A Icn at 415 V AC 50/60 Hz conforming to IEC 60898-1 |
| Suitability for isolation | Yes conforming to IEC 60898-1                              |

### Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| [Ue] rated operational voltage         | 415 V AC 50/60 Hz   |
| Magnetic tripping limit                | 5...10 x In   |
| [Ics] rated service breaking capacity  | 10 kA 75 % x Icn at 415 V AC 50/60 Hz conforming to IEC 60898-1 |
| Limitation class                       | 3 conforming to IEC 60898-1                                     |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz conforming to IEC 60898-1                     |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60898-1                                  |
| Contact position indicator             | Yes   |
| Control type                           | Toggle  |
| Local signalling                       | Without   |
| Mounting mode                          | Clip-on   |
| Mounting support                       | DIN rail  |
| 9 mm pitches                           | 4   |
| Height                                 | 81 mm   |
| Width                                  | 36 mm   |
| Depth                                  | 77.5 mm   |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                         |   |
|-------------------------|---|
| Net weight              | 0.225 kg  |
| Colour                  | Grey (RAL 7035)   |
| Mechanical durability   | 20000 cycles  |
| Electrical durability   | 20000 cycles  |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...25 mm² rigid<br>Tunnel type terminal (top or bottom) 1...16 mm² flexible |
| Tightening torque       | 2 N.m top or bottom   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60898-1                  |
| Product certifications                | CE<br>ISI                    |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Pollution degree                      | 2                            |
| Tropicalisation                       | 2                            |
| Relative humidity                     | 95 % at -5...55 °C           |
| Ambient air temperature for operation | -5...55 °C                   |
| Ambient air temperature for storage   | -25...85 °C                  |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 8 cm     |
| Package 1 Width              | 4 cm     |
| Package 1 Length             | 9 cm     |
| Package 1 Weight             | 0.237 kg |

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## Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information