

## Miniature circuit breaker (MCB), 2 A, 1p+N, characteristic: C

**Part no.**                    **FAZ-PN-C2/1N**  
**279154**

| <b>General specifications</b>                                |  |  |
|--|--|--|
| Product name   |  | Eaton Moeller series xEffect - FAZ-PN MCB  |
| Part no.   |  | FAZ-PN-C2/1N   |
| EAN  |  | 4015082791544  |
| Product Length/Depth   |  | 80 millimetre  |
| Product height   |  | 75.5 millimetre  |
| Product width  |  | 17.5 millimetre  |
| Product weight   |  | 0.115 kilogram   |
| Compliances  |  | RoHS conform   |
| Certifications   |  | IEC/EN 60898<br>IEC 61373<br>EN45545-2   |
| Product Tradename  |  | xEffect - FAZ-PN   |
| Product Type   |  | MCB  |
| Product Sub Type   |  | None   |
| <b>Delivery program</b>                                      |  |  |
| Application  |  | Switchgear for industrial and advanced commercial applications<br>xEffect - Switchgear for industrial and advanced commercial applications |
| Number of poles  |  | Single-pole + N  |
| Number of poles (total)                                      |  | 2  |
| Number of poles (protected)                                  |  | 1  |
| Tripping characteristic                                      |  | C  |
| Release characteristic                                       |  | C  |
| Amperage Rating  |  | 2 A  |
| Type   |  | FAZ-PN<br>Miniature circuit breaker  |
| <b>Technical Data - Electrical</b>                           |  |  |
| Voltage type   |  | AC   |
| Voltage rating   |  | 240 V AC / 415 V AC  |
| Voltage rating at DC   |  | 60 V DC (per pole)   |
| Rated operational voltage (Ue) - max                         |  | 230 V  |
| Rated insulation voltage (Ui)                                |  | 440 V  |
| Rated impulse withstand voltage (Uimp)                       |  | 4 kV   |
| Frequency rating - min                                       |  | 50 Hz  |
| Frequency rating - max                                       |  | 60 Hz  |
| Rated switching capacity (IEC/EN 60947-2)                    |  | 10 kA  |
| Rated short-circuit breaking capacity (EN 60898) at 230 V    |  | 6 kA   |
| Rated short-circuit breaking capacity (EN 60898) at 400 V    |  | 6 kA   |
| Rated short-circuit breaking capacity (IEC 60947-2) at 230 V |  | 10 kA  |
| Rated short-circuit breaking capacity (IEC 60947-2) at 400 V |  | 10 kA  |
| Admissible back-up fuse - max                                |  | 100 A gL/gG  |
| Selectivity class  |  | 3  |
| Lifespan, electrical   |  | 4000 operations  |
| Overvoltage category   |  | III  |
| Pollution degree   |  | 2  |
| Direction of incoming supply                                 |  | As required  |
| <b>Technical Data - Mechanical</b>                           |  |  |
| Frame  |  | 45 mm  |
| Enclosure width  |  | 80 mm  |
| Width in number of modular spacings                          |  | 1  |

|   |  |   |
|---|--|---|
| Built-in depth  |  | 70.5 mm   |
| Mounting width  |  | 17.5 mm   |
| Mounting width per pole   |  | 17.5 mm   |
| Mounting Method   |  | Top-hat rail IEC/EN 60715   |
| Degree of protection  |  | IP20<br>IP40 (when fitted)  |
| Terminals (top and bottom)                                      |  | Twin-purpose terminals  |
| Connectable conductor cross section (solid-core) - min          |  | 1 mm <sup>2</sup>   |
| Connectable conductor cross section (solid-core) - max          |  | 25 mm <sup>2</sup>  |
| Connectable conductor cross section (multi-wired) - min         |  | 1 mm <sup>2</sup>   |
| Connectable conductor cross section (multi-wired) - max         |  | 25 mm <sup>2</sup>  |
| Terminal capacity (control cable)                               |  | 16 mm <sup>2</sup> (1x)   |
| Terminal protection   |  | Finger and hand touch safe, DGUV VS3, EN 50274                    |
| <b>Design verification as per IEC/EN 61439 - technical data</b> |  |   |
| Ambient operating temperature - min                             |  | -25 °C  |
| Ambient operating temperature - max                             |  | 75 °C   |
| <b>Additional information</b>                                   |  |   |
| Current limiting class  |  | 3   |
| Features  |  | Concurrently switching N-neutral<br>Additional equipment possible |
| Used with   |  | FAZ-PN<br>Miniature circuit breaker                               |

## Technical data ETIM 9.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss13-27-14-19-01 [AAB905019])

|   |                 |          |
|---|-----------------|----------|
| Built-in depth  | mm              | 70.5     |
| Release characteristic  |                 | C        |
| Number of poles (total)   |                 | 2        |
| Number of protected poles   |                 | 1        |
| Rated current   | A               | 2        |
| Rated voltage   | V               | 230      |
| Rated insulation voltage Ui   | V               | 440      |
| Rated impulse withstand voltage Uimp  | kV              | 4        |
| Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V    | kA              | 6        |
| Voltage type  |                 | AC       |
| Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V    | kA              | 6        |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V | kA              | 10       |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V | kA              | 10       |
| Frequency   | Hz              | 50 - 60  |
| Power loss  | W               | 1.4      |
| Current limiting class  |                 | 3        |
| Flush-mounted installation  |                 | No       |
| Concurrently switching neutral conductor                                    |                 | Yes      |
| Over voltage category   |                 | 3        |
| Pollution degree  |                 | 2        |
| Additional equipment possible   |                 | Yes      |
| Width in number of modular spacings   |                 | 1        |
| Degree of protection (IP)   |                 | IP20     |
| Ambient temperature during operating  | °C              | -25 - 75 |
| Connectable conductor cross section multi-wired                             | mm <sup>2</sup> | 1 - 25   |
| Connectable conductor cross section solid-core                              | mm <sup>2</sup> | 1 - 25   |
| Explosion-proof   |                 | No       |