


**Miniature circuit breaker (MCB), 2A, 2p, C-Char, DC current**

**Part no.** FAZ-C2/2-DC  
**Catalog No.** 279134  
**Eaton Catalog No.** FAZ-C2/2-DC  
**EL-Nummer** 0001691500  
**(Norway)**

Similar to illustration

## Technical data

### Electrical

|                                                 |            |         |                    |
|-------------------------------------------------|------------|---------|--------------------|
| Standards                                       |            |         | IEC/EN 60947-2     |
| Rated operational voltage                       | $U_e$      | V       |                    |
|                                                 |            | V DC    | 250 (per pole)     |
| Rated switching capacity acc. to IEC/EN 60947-2 | $I_{cu}$   | kA      | 10                 |
| Characteristic                                  |            |         | C                  |
| Max. back-up fuse                               |            | A gL/gG | 100                |
| Selectivity Class                               |            |         | 3                  |
| lifespan                                        |            |         |                    |
| Lifespan                                        | Operations |         | > 10000            |
| Direction of incoming supply                    |            |         | Polarity dependent |

### Mechanical

|                              |  |                 |                                         |
|------------------------------|--|-----------------|-----------------------------------------|
| Standard front dimension     |  | mm              | 45                                      |
| Enclosure height             |  | mm              | 80                                      |
| Mounting width per pole      |  | mm              | 17.5                                    |
| Mounting                     |  |                 | IEC/EN 60715 top-hat rail               |
| Degree of Protection         |  |                 | IP20, IP40 (when fitted)                |
| Terminals top and bottom     |  |                 | Twin-purpose terminals                  |
| Terminal protection          |  |                 | Finger and back-of-hand proof to BGV A2 |
| Terminal capacities          |  | mm <sup>2</sup> |                                         |
|                              |  | mm <sup>2</sup> | 1 x 25                                  |
|                              |  | mm <sup>2</sup> | 2 x 10                                  |
|                              |  |                 |                                         |
| Thickness of busbar material |  | mm              | 0.8 ... 2                               |
| Mounting position            |  |                 | As required                             |

## Design verification as per IEC/EN 61439

|                                                          |            |    |                                                                             |
|----------------------------------------------------------|------------|----|-----------------------------------------------------------------------------|
| Technical data for design verification                   |            |    |                                                                             |
| Rated operational current for specified heat dissipation | $I_n$      | A  | 2                                                                           |
| Heat dissipation per pole, current-dependent             | $P_{vid}$  | W  | 0                                                                           |
| Equipment heat dissipation, current-dependent            | $P_{vid}$  | W  | 2.8                                                                         |
| Static heat dissipation, non-current-dependent           | $P_{vs}$   | W  | 0                                                                           |
| Heat dissipation capacity                                | $P_{diss}$ | W  | 0                                                                           |
| Operating ambient temperature min.                       |            | °C | -40                                                                         |
| Operating ambient temperature max.                       |            | °C | 75                                                                          |
|                                                          |            |    | linear, per +1 °C, results in a 0.5% reduction of current carrying capacity |

## Technical data ETIM 7.0

|                                                                                                                                                                                                                   |  |  |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|---|
| 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) (ecI@ss10.0.1-27-14-19-01 [AAB905014]) |  |  |   |
| Release characteristic                                                                                                                                                                                            |  |  | C |
| Number of poles (total)                                                                                                                                                                                           |  |  | 2 |
| Number of protected poles                                                                                                                                                                                         |  |  | 2 |

|                                                                     |                 |          |
|---------------------------------------------------------------------|-----------------|----------|
| Rated current                                                       | A               | 2        |
| Rated voltage                                                       | V               | 250      |
| Rated insulation voltage $U_i$                                      | V               | 440      |
| Rated impulse withstand voltage $U_{imp}$                           | kV              | 4        |
| Rated short-circuit breaking capacity $I_{cn}$ EN 60898 at 230 V    | kA              | 0        |
| Rated short-circuit breaking capacity $I_{cn}$ EN 60898 at 400 V    | kA              | 0        |
| Rated short-circuit breaking capacity $I_{cu}$ IEC 60947-2 at 230 V | kA              | 10       |
| Rated short-circuit breaking capacity $I_{cu}$ IEC 60947-2 at 400 V | kA              | 10       |
| Voltage type                                                        |                 | DC       |
| Voltage type                                                        |                 | DC       |
| Frequency                                                           | Hz              | 50 - 60  |
| Current limiting class                                              |                 | 3        |
| Suitable for flush-mounted installation                             |                 | No       |
| Concurrently switching N-neutral                                    |                 | No       |
| Over voltage category                                               |                 | 3        |
| Pollution degree                                                    |                 | 2        |
| Additional equipment possible                                       |                 | Yes      |
| Width in number of modular spacings                                 |                 | 2        |
| Built-in depth                                                      | mm              | 70.5     |
| 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   |

## Dimensions

