



Miniature circuit breaker (MCB), 13A, 4p, K-Char, AC

Part no. FAZ-K13/4
Catalog No. 279098
Eaton Catalog No. FAZ-K13/4
EL-Nummer (Norway) 0001695355

Similar to illustration

Technical data

Electrical

| | | | |
|---|-----------------|------------|--------------------------------|
| Standards | | | IEC/EN 60947-2 IEC/EN 60898 |
| Rated operational voltage | U _e | V | |
| | U _e | V AC | 240/415 |
| | | V DC | 60 (per pole) |
| Rated switching capacity acc. to IEC/EN 60947-2 | I _{cu} | kA | 10 |
| Operational switching capacity | | kA | 7.5 |
| Characteristic | | | B, C, D, K, S, Z |
| Max. back-up fuse | | A gL/gG | 125 |
| Selectivity Class | | | 3 |
| lifespan | | | |
| | Lifespan | Operations | > 10000 |
| Direction of incoming supply | | | as required |

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 ² | |
| | | mm ² | 1 x 25 |
| | | mm ² | 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 | 13 |
| Heat dissipation per pole, current-dependent | P _{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P _{vid} | W | 8.1 |
| 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) (ecl@ss10.0.1-27-14-19-01 [AAB905014]) | | | |
| Release characteristic | | | K |

| | | |
|--|-----------------|----------|
| Number of poles (total) | | 4 |
| Number of protected poles | | 4 |
| Rated current | A | 13 |
| Rated voltage | V | 400 |
| Rated insulation voltage Ui | V | 440 |
| Rated impulse withstand voltage Uimp | kV | 4 |
| Rated short-circuit breaking capacity Icn EN 60898 at 230 V | kA | 0 |
| Rated short-circuit breaking capacity Icn EN 60898 at 400 V | kA | 0 |
| Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V | kA | 10 |
| Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V | kA | 10 |
| Voltage type | | AC |
| Frequency | Hz | 50 - 60 |
| Current limiting class | | 3 |
| Suitable for flush-mounted installation | | No |
| Concurrently switching N-neutral | | Yes |
| Over voltage category | | 3 |
| Pollution degree | | 2 |
| Additional equipment possible | | Yes |
| Width in number of modular spacings | | 4 |
| 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 ² | 1 - 25 |
| Connectable conductor cross section solid-core | mm ² | 1 - 25 |

Characteristics



Let-through energy i^2t
According to IEC/EN 60898









Tripping characteristic at 30 °C:
 K according to IEC/EN 60947

Dimensions

