



Miniature circuit breaker (MCB), 50A, 3pole+N, type D characteristic

Part no. FAZ-D50/3N
Catalog No. 115380
Eaton Catalog No. FAZ-D50/3N
EL-Nummer 0001691226
(Norway)



Similar to illustration

Technical data

Electrical

| | | | |
|---|----------|----|----|
| Rated switching capacity acc. to IEC/EN 60947-2 | I_{cu} | kA | 15 |
|---|----------|----|----|

Design verification as per IEC/EN 61439

| | | | |
|--|------------|----|---|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 50 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 17.3 |
| 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 | 70 |
| | | | 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) (ec1@ss10.0.1-27-14-19-01 [AAB905014])

| | | | |
|---|--|-----------------|----------|
| Release characteristic | | | D |
| Number of poles (total) | | | 4 |
| Number of protected poles | | | 3 |
| Rated current | | A | 50 |
| Rated voltage | | V | 400 |
| 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 | 10 |
| Rated short-circuit breaking capacity I_{cn} EN 60898 at 400 V | | kA | 10 |
| 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 | | | 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 |