

Miniature circuit breaker (MCB), 10 A, 1p, characteristic: C

Part no. **EMCH110**
EMCH110

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| Product name | Eaton Moeller series xPole UK - EM.H MCB |
| Part no. | EMCH110 |
| EAN | 5019586121639 |
| Product Length/Depth | 85 millimetre |
| Product height | 73 millimetre |
| Product width | 17.5 millimetre |
| Product weight | 0.111 kilogram |
| Compliances | RoHS conform |
| Product Tradename | xPole UK - EM.H |
| Product Type | MCB |
| Product Sub Type | None |
| Countries | United Kingdom of Great Britain and Northern Ireland |
| Ambient operating temperature - max | 55 °C |
| Ambient operating temperature - min | -25 °C |
| Amperage Rating | 10 A |
| Application | Switchgear for residential and commercial applications |
| Built-in depth | 70.5 mm |
| Connectable conductor cross section (multi-wired) - max | 25 mm ² |
| Connectable conductor cross section (multi-wired) - min | 1 mm ² |
| Connectable conductor cross section (solid-core) - max | 25 mm ² |
| Connectable conductor cross section (solid-core) - min | 1 mm ² |
| Current limiting class | 3 |
| Degree of protection | IP20 |
| Features | Additional equipment possible |
| Frequency rating - max | 60 Hz |
| Frequency rating - min | 50 Hz |
| Number of poles | Single-pole |
| Number of poles (protected) | 1 |
| Number of poles (total) | 1 |
| Overvoltage category | III |
| Pollution degree | 2 |
| Rated impulse withstand voltage (Uimp) | 4 kV |
| Rated insulation voltage (Ui) | 440 V |
| Rated operational voltage (Ue) - max | 240 V |
| Rated short-circuit breaking capacity (EN 60898) at 230 V | 10 kA |
| Rated short-circuit breaking capacity (EN 60898) at 400 V | 10 kA |
| Rated short-circuit breaking capacity (IEC 60947-2) at 230 V | 0 kA |
| Rated short-circuit breaking capacity (IEC 60947-2) at 400 V | 0 kA |
| Rated switching capacity (IEC/EN 60898-1) | 10 kA |
| Rated switching capacity (IEC/EN 60947-2) | 15 kA |
| Release characteristic | C |
| Suitable for | Flush-mounted installation |
| Tripping characteristic | C |
| Type | EM Miniature circuit breaker |
| Used with | Miniature circuit breaker EM |
| Voltage type | AC |

Width in number of modular spacings

1

Technical data ETIM 8.0

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])

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|--|-----------------|----------|
| Built-in depth | mm | 70.5 |
| Release characteristic | | C |
| Number of poles (total) | | 1 |
| Number of protected poles | | 1 |
| Rated current | A | 10 |
| Rated voltage | V | 240 |
| Rated insulation voltage U_i | V | 440 |
| Rated impulse withstand voltage U_{imp} | kV | 4 |
| Rated short-circuit breaking capacity I_{cn} according to EN 60898 at 230 V | kA | 10 |
| Voltage type | | AC |
| Rated short-circuit breaking capacity I_{cn} according to EN 60898 at 400 V | kA | 10 |
| Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 230 V | kA | 0 |
| Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 400 V | kA | 0 |
| Frequency | Hz | 50 - 60 |
| Current limiting class | | 3 |
| Flush-mounted installation | | Yes |
| Concurrently switching neutral conductor | | No |
| 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 - 55 |
| Connectable conductor cross section multi-wired | mm ² | 1 - 25 |
| Connectable conductor cross section solid-core | mm ² | 1 - 25 |
| Explosion-proof | | No |