# DATASHEET - EMDH363

**Miniature circuit breaker (MCB), 63 A, 3p, characteristic: D**

**Part no.** **EMDH363**
**EMDH363**

| | |
|---|---|
| Product name | Eaton Moeller series xPole UK - EM.H MCB |
| Part no. | EMDH363 |
| EAN | 5019586152756 |
| Product Length/Depth | 85 millimetre |
| Product height | 73 millimetre |
| Product width | 52.5 millimetre |
| Product weight | 0.378 kilogram |
| Compliances | RoHS conform |
| Product Tradename | xPole UK - EM.H |
| Product Type | MCB |
| Product Sub Type | None |
| | |
| Ambient operating temperature - max | 75 °C |
| Ambient operating temperature - min | -25 °C |
| Amperage Rating | 63 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 | Three-pole |
| Number of poles (protected) | 3 |
| Number of poles (total) | 3 |
| Overvoltage category | III |
| Pollution degree | 2 |
| Rated impulse withstand voltage (Uimp) | 4 kV |
| Rated insulation voltage (Ui) | 440 V |
| Rated operational voltage (Ue) - max | 400 V |
| 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 |
| Rated switching capacity (IEC/EN 60947-2) | 15 kA |
| Release characteristic | D |
| Tripping characteristic | D |
| Type | EM<br>Miniature circuit breaker |
| Used with | Miniature circuit breaker<br>EM |
| Voltage type | AC |
| Width in number of modular spacings | 3 |

## 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]) | | | |
| Built-in depth | | mm | 70.5 |
| Release characteristic | | | D |
| Number of poles (total) | | | 3 |
| Number of protected poles | | | 3 |
| Rated current | | A | 63 |
| Rated voltage | | V | 400 |
| 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 |
| Current limiting class | | | 3 |
| Flush-mounted installation | | | No |
| Concurrently switching neutral conductor | | | No |
| Over voltage category | | | 3 |
| Pollution degree | | | 2 |
| Additional equipment possible | | | Yes |
| Width in number of modular spacings | | | 3 |
| 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 |
| Explosion-proof | | | No |


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