

## Miniature circuit breaker (MCB), 25 A, 3p, characteristic: C

**Part no.**                    **EMCH325**  
**EMCH325**

|  |  |
|--|--|
| Product name   | Eaton Moeller series xPole UK - EM.H MCB               |
| Part no.   | EMCH325  |
| EAN  | 5019586122476  |
| Product Length/Depth   | 85 millimetre  |
| Product height   | 73 millimetre  |
| Product width  | 52.5 millimetre  |
| Product weight   | 0.349 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  | 25 A   |
| Application  | Switchgear for residential and commercial applications |
| Built-in depth   | 70.5 mm  |
| Connectable conductor cross section (multi-wired) - max      | 25 mm <sup>2</sup>                                     |
| Connectable conductor cross section (multi-wired) - min      | 1 mm <sup>2</sup>                                      |
| Connectable conductor cross section (solid-core) - max       | 25 mm <sup>2</sup>                                     |
| Connectable conductor cross section (solid-core) - min       | 1 mm <sup>2</sup>                                      |
| 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    | 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 | 15 kA  |
| Rated short-circuit breaking capacity (IEC 60947-2) at 400 V | 15 kA  |
| Rated switching capacity (IEC/EN 60898-1)                    | 10 kA  |
| Rated switching capacity (IEC/EN 60947-2)                    | 15 kA  |
| Release characteristic                                       | C  |
| Tripping characteristic                                      | C  |
| Type   | EM<br>Miniature circuit breaker                        |
| Used with  | EM<br>Miniature circuit breaker                        |
| 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)  
(ec@ss10.0.1-27-14-19-01 [AAB905014])

|   |                 |          |
|---|-----------------|----------|
| Built-in depth  | mm              | 70.5     |
| Release characteristic  |                 | C        |
| Number of poles (total)   |                 | 3        |
| Number of protected poles   |                 | 3        |
| Rated current   | A               | 25       |
| 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              | 10       |
| Voltage type  |                 | AC       |
| Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V    | kA              | 10       |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V | kA              | 15       |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V | kA              | 15       |
| 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 <sup>2</sup> | 1 - 25   |
| Connectable conductor cross section solid-core                              | mm <sup>2</sup> | 1 - 25   |
| Explosion-proof   |                 | No       |