



**Miniature circuit breaker (MCB), 40 A, 1p, characteristic: B**

**Part no.** EMBH140  
**Catalog No.** EMBH140

**Delivery program**

|  |          |    |  |
|--|----------|----|--|
| Basic function                                       |          |    | Miniature circuit-breakers                             |
| Number of poles                                      |          |    | 1 pole   |
| Tripping characteristic                              |          |    | B  |
| Application  |          |    | Switchgear for residential and commercial applications |
| Rated current  | $I_n$    | A  | 40   |
| Rated switching capacity acc. to IEC/EN 60947-2      | $I_{cu}$ | kA | 15   |
| Rated switching capacity according to IEC/EN 60898-1 | $I_{cn}$ | kA | 10   |
| Product range  |          |    | EM   |

**Technical data**

**Electrical**

|  |          |    |    |
|--|----------|----|----|
| Rated switching capacity acc. to IEC/EN 60947-2      | $I_{cu}$ | kA | 15 |
| Rated switching capacity according to IEC/EN 60898-1 | $I_{cn}$ | kA | 10 |

**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) (ecI@ss10.0.1-27-14-19-01 [AAB905014]) |  |                 |          |
| Release characteristic  |  |                 | B        |
| Number of poles (total)   |  |                 | 1        |
| Number of protected poles   |  |                 | 1        |
| Rated current   |  | A               | 40       |
| Rated voltage   |  | V               | 240      |
| Rated insulation voltage $U_i$  |  | V               | 440      |
| Rated impulse withstand voltage $U_{imp}$   |  | kV              | 4        |
| Rated short-circuit breaking capacity $I_{cn}$ 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              | 0        |
| Rated short-circuit breaking capacity $I_{cu}$ IEC 60947-2 at 400 V   |  | kA              | 0        |
| Voltage type  |  |                 | AC       |
| Frequency   |  | Hz              | 50 - 60  |
| Current limiting class  |  |                 | 3        |
| Suitable for flush-mounted installation   |  |                 | Yes      |
| Concurrently switching N-neutral  |  |                 | No       |
| Over voltage category   |  |                 | 3        |
| Pollution degree  |  |                 | 2        |
| Additional equipment possible   |  |                 | Yes      |
| Width in number of modular spacings   |  |                 | 1        |
| Built-in depth  |  | mm              | 70.5     |
| Degree of protection (IP)   |  |                 | IP20     |
| Ambient temperature during operating  |  | °C              | -25 - 55 |
| Connectable conductor cross section multi-wired   |  | mm <sup>2</sup> | 1 - 25   |
| Connectable conductor cross section solid-core  |  | mm <sup>2</sup> | 1 - 25   |

