



**Miniature circuit breaker (MCB), 25A, 3 p, 0V**

**Part no.** PLSM-OV25/3  
**Catalog No.** 264978

**EL-Nummer (Norway)** 1609643

Similar to illustration

**Design verification as per IEC/EN 61439**

| Technical data for design verification                   |            |    |   |
|--|------------|----|---|
| Rated operational current for specified heat dissipation | $I_n$      | A  | 25  |
| Heat dissipation per pole, current-dependent             | $P_{vid}$  | W  | 0   |
| Static heat dissipation, non-current-dependent           | $P_{vs}$   | W  | 0   |
| Heat dissipation capacity                                | $P_{diss}$ | W  | 0   |
| Operating ambient temperature min.                       |            | °C | -25   |
| Operating ambient temperature max.                       |            | °C | 75  |
|  |            |    | 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  |  |                 | Other    |
| Number of poles (total)   |  |                 | 3        |
| Number of protected poles   |  |                 | 3        |
| Rated current   |  | A               | 25       |
| 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              | 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   |  |                 | No       |
| Concurrently switching N-neutral  |  |                 | No       |
| Over voltage category   |  |                 | 3        |
| Pollution degree  |  |                 | 2        |
| Additional equipment possible   |  |                 | Yes      |
| Width in number of modular spacings   |  |                 | 3        |
| 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   |