



**Over current switch, 56A, 3 p, 0V**

**Part no. PLSM-0V56/3**  
**Article no. 264982**

Similar to illustration

## Delivery program

|                 |       |   |                                                        |
|-----------------|-------|---|--------------------------------------------------------|
| Basic function  |       |   | Miniature circuit-breakers                             |
| Number of poles |       |   | 3 pole                                                 |
| Application     |       |   | Switchgear for residential and commercial applications |
| Rated current   | $I_n$ | A | 56                                                     |
| Product range   |       |   | PLSM                                                   |

## Design verification as per IEC/EN 61439

|                                                          |            |    |                                                                             |
|----------------------------------------------------------|------------|----|-----------------------------------------------------------------------------|
| Technical data for design verification                   |            |    |                                                                             |
| Rated operational current for specified heat dissipation | $I_n$      | A  | 56                                                                          |
| 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 6.0

|                                                                                                                                                                                                                |  |    |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|---------|
| 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@ss8.1-27-14-19-01 [AAB905011]) |  |    |         |
| Release characteristic                                                                                                                                                                                         |  |    | -       |
| Number of poles (total)                                                                                                                                                                                        |  |    | 3       |
| Number of protected poles                                                                                                                                                                                      |  |    | 3       |
| Nominal rated current                                                                                                                                                                                          |  | A  | 56      |
| Nominal rated voltage                                                                                                                                                                                          |  | V  | 400     |
| 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      |
| Current limiting class                                                                                                                                                                                         |  |    | 3       |
| Frequency                                                                                                                                                                                                      |  | Hz | 50 - 60 |
| Concurrently switching N-neutral                                                                                                                                                                               |  |    | No      |
| Suitable for flush-mounted installation                                                                                                                                                                        |  |    | No      |
| Over voltage category                                                                                                                                                                                          |  |    | 3       |
| Pollution degree                                                                                                                                                                                               |  |    | 2       |
| Width in number of modular spacings                                                                                                                                                                            |  |    | 3       |
| Built-in depth                                                                                                                                                                                                 |  | mm | 70.5    |
| Additional equipment possible                                                                                                                                                                                  |  |    | Yes     |
| Degree of protection (IP)                                                                                                                                                                                      |  |    | IP20    |