



Miniature circuit breaker (MCB), 32A, 1Np, C-Char, AC

Part no. **PLN6-C32/1N-MW**
 Catalog No. **263177**

Similar to illustration

Delivery program

| | | | |
|--|-------|----|--|
| Basic function | | | Miniature circuit-breakers |
| Number of poles | | | 1 pole+N |
| Tripping characteristic | | | C |
| Application | | | Switchgear for residential and commercial applications |
| Rated current | I_n | A | 32 |
| Rated switching capacity according to IEC/EN 60898-1 | | kA | 6 |
| Product range | | | PLN6 |

Design verification as per IEC/EN 61439

| | | | |
|--|------------|----|---|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 32 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 6.5 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature max. | | °C | -25 |
| Operating ambient temperature max. | | °C | 55 |
| | | | linear, per +1 °C, results in a 0.5% reduction of current carrying capacity |

Technical data ETIM 6.0

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|--|--|----|---------|
| 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 | | | C |
| Number of poles (total) | | | 2 |
| Number of protected poles | | | 2 |
| Nominal rated current | | A | 32 |
| Nominal rated voltage | | V | 230 |
| Rated short-circuit breaking capacity I_{cn} EN 60898 at 230 V | | kA | 6 |
| Rated short-circuit breaking capacity I_{cn} EN 60898 at 400 V | | kA | 6 |
| 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 | | | Yes |
| Suitable for flush-mounted installation | | | No |
| Over voltage category | | | 3 |
| Pollution degree | | | 2 |
| Width in number of modular spacings | | | 1 |
| Built-in depth | | mm | 70.5 |
| Additional equipment possible | | | Yes |
| Degree of protection (IP) | | | IP20 |

