



Residual current circuit breaker (RCCB), 125A, 4p, 100mA, type AC

Part no. PFDM-125/4/01
Catalog No. 235917



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 | 125 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 33.6 |
| 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 | 60 |
| Starting at 40 °C, the max. permissible continuous current decreases by 1.8% for every 1 °C | | | |

Technical data ETIM 7.0

| Circuit breakers and fuses (EG000020) / Residual current circuit breaker (RCCB) (EC000003) | | | |
|---|--|-----------------|----------|
| Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / Residual current circuit breaker (RCCB) (ecl@ss10.0.1-27-14-22-01 [AAB906014]) | | | |
| Number of poles | | | 4 |
| Rated voltage | | V | 400 |
| Rated current | | A | 125 |
| Rated fault current | | mA | 100 |
| Rated insulation voltage U_i | | V | 400 |
| Rated impulse withstand voltage U_{imp} | | kV | 4 |
| Mounting method | | | DIN rail |
| Leakage current type | | | AC |
| Selective protection | | | No |
| Short-time delayed tripping | | | No |
| Short-circuit breaking capacity (I _{cw}) | | kA | 10 |
| Surge current capacity | | kA | 0.2 |
| Frequency | | | 50 Hz |
| Additional equipment possible | | | Yes |
| With interlocking device | | | Yes |
| Degree of protection (IP) | | | IP20 |
| Width in number of modular spacings | | | 4 |
| Built-in depth | | mm | 71.5 |
| Ambient temperature during operating | | °C | -25 - 40 |
| Pollution degree | | | 2 |
| Connectable conductor cross section multi-wired | | mm ² | 1.5 - 16 |
| Connectable conductor cross section solid-core | | mm ² | 1.5 - 35 |