



Residual current
circuit breaker
with overcurrent
protection
(RCBO)
P1 RB
1P+N
2
IEC

Product designation

Product type designation

Number of poles

Number of DIN modules

Compliance

Electrical features

| | | |
|---|-----|-------|
| Rated insulation voltage U_i IEC/EN | V | 400 |
| Rated impulse withstand voltage U_{imp} | kV | 4 |
| Rated operational voltage AC (IEC) | VAC | 230 |
| Rated frequency | Hz | 50/60 |
| Rated current (I_n) | A | 6 |
| Tripping curve | | C |
| Residual operation characteristic | | AC |
| Rated residual current | mA | 300 |
| Short circuit rating (IEC) | kA | 10 |
| Power dissipation per pole max | W | 1.02 |

Ambient conditions

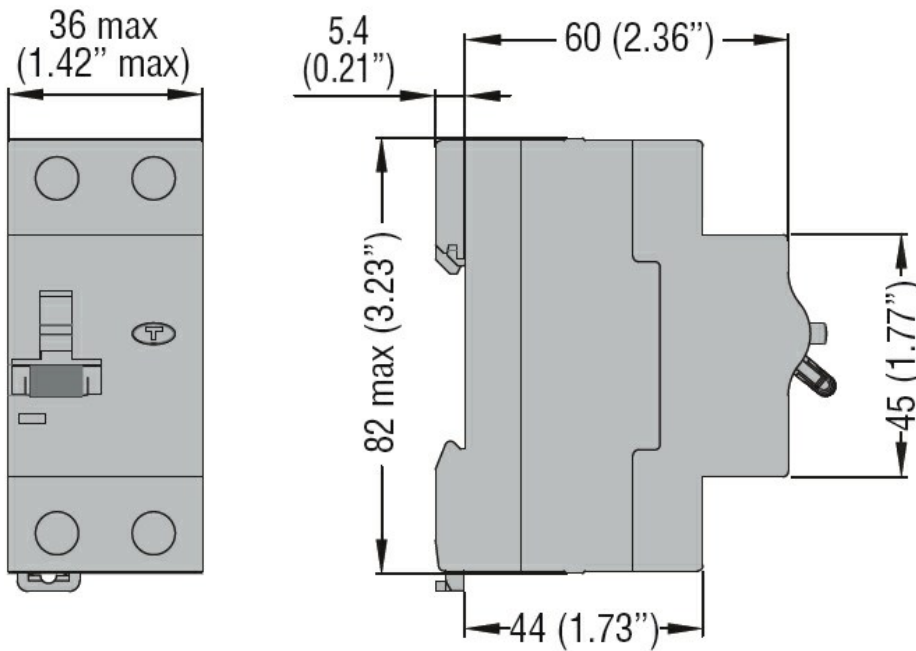
| | | | |
|-----------------------|-----|------|-----|
| Operating temperature | min | °C | -35 |
| | max | °C | 70 |
| Storage temperature | min | °C | -40 |
| | max | °C | 80 |
| Max altitude | m | 2000 | |

Mechanical features

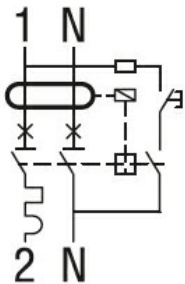
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|---------------------------------|-----------|---------------|-----------------|----|
| Operating position | normal | Vertical plan | | |
| Fixing | | 35mm DIN rail | | |
| Tightening torque for terminals | min | Nm | 1.8 | |
| | max | Nm | 2 | |
| | min | lbin | 16 | |
| | max | lbin | 17.7 | |
| Terminals tool | | Pz 2 | | |
| Conductor section | IEC | min | mm ² | 1 |
| | | max | mm ² | 25 |
| | AWG/Kcmil | min | | 16 |
| | | max | | 3 |
| Weight | | g | 205 | |

| | |
|-------------------|------|
| Frontal IP degree | IP20 |
| Pollution degree | 2 |

Dimensions



Wiring diagrams



Certifications and compliance

| | |
|----------------|----------------------|
| Compliance | IEC/EN 61009-1 |
| Certifications | EAC TÜV-Rheinland |

ETIM classification

| | |
|----------|--|
| ETIM 8.0 | EC000905 - Earth leakage circuit breaker |
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