



### 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      | 40    |
| Residual operation characteristic                    | AC     |       |
| Rated residual current                               | mA     | 30    |
| Short circuit rating (IEC)                           | kA     | 10    |
| Rated conditional short-circuit current ( $I_{nc}$ ) | kA     | 10    |
| Electrical life                                      | cycles | 10000 |

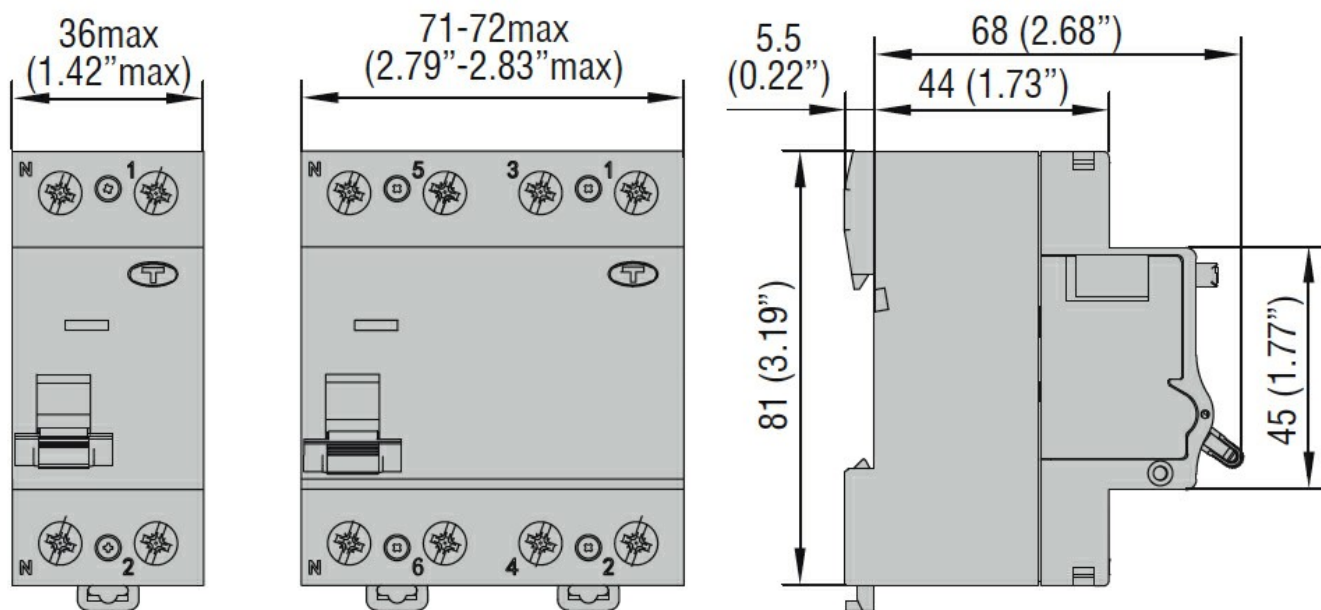
### Ambient conditions

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

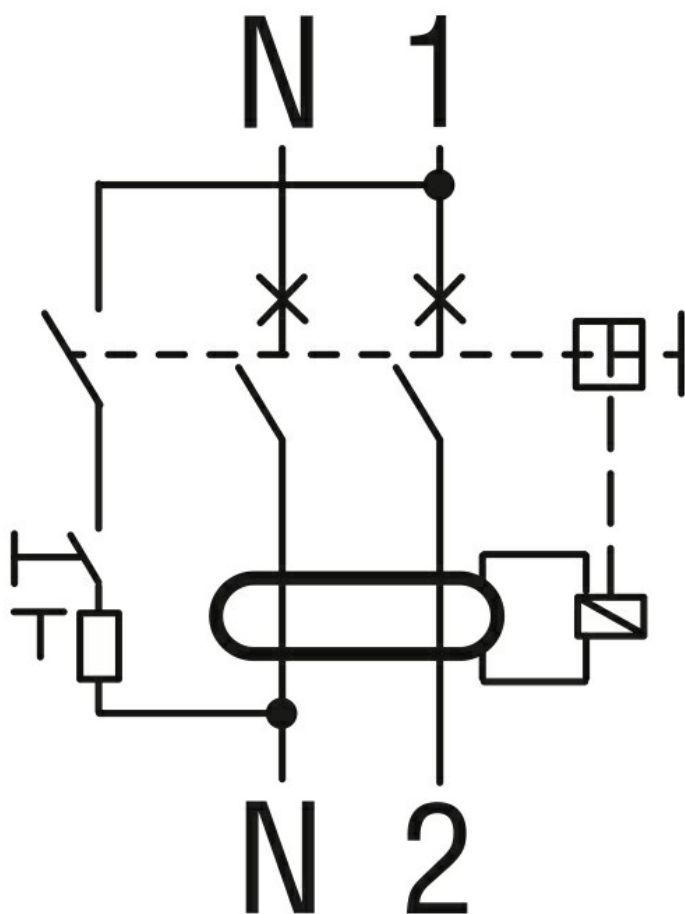
### Mechanical features

|                                 |           |        |                     |
|---------------------------------|-----------|--------|---------------------|
| Operating position              |           | normal | Vertical plan       |
| Fixing                          |           |        | 35mm DIN rail       |
| Tightening torque for terminals |           | max    | Nm 2                |
|                                 |           | max    | Ibin 15             |
| Terminals tool                  |           |        | Pz 2                |
| Conductor section               | IEC       | min    | mm <sup>2</sup> 2.5 |
|                                 |           | max    | mm <sup>2</sup> 35  |
|                                 | AWG/Kcmil | min    | 14                  |
|                                 |           | max    | kcmil 2             |
| Mechanical life                 |           | cycles | 20000               |
| Weight                          |           | g      | 185                 |
| Frontal IP degree               |           |        | IP20                |
| Pollution degree                |           |        | 2                   |

### Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN/BS 61008-1

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Certifications

EAC  
TÜV-Rheinland

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ETIM classification

ETIM 8.0

EC000003 -  
Residual current  
circuit breaker  
(RCCB)