



## VDB

Earth leakage  
protector  
Clase B.



**FOR THE CORRECT OPERATION OF THE EQUIPMENT, THE PHASES MUST BE CONNECTED TO THE "L" TERMINALS AND THE NEUTRAL TO THE "N" TERMINAL.**

**DO NOT INSTALL ON LINES WITHOUT NEUTRAL (N)**

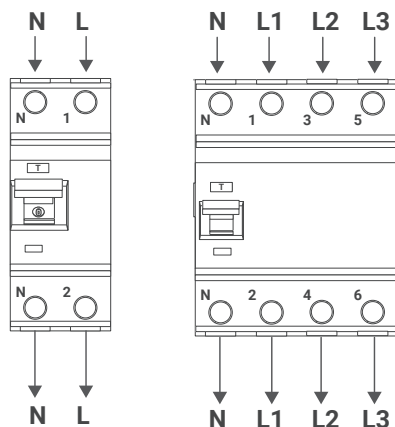
Before starting, disconnect the power supply and work with the appropriate tools. **THIS EQUIPMENT MUST BE INSTALLED BY A QUALIFIED PROFESSIONAL.**

Always connect downstream of the main switch (IGA) if present.

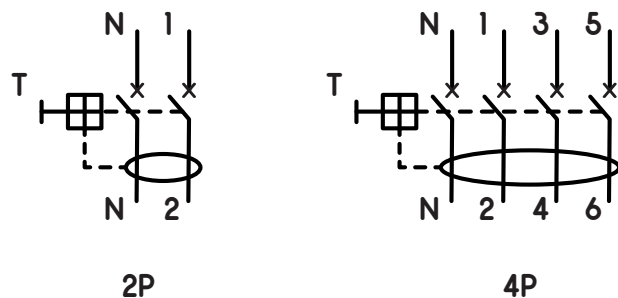
Always connect downstream of the Main Circuit Breaker (MCB) if one is present.

If the equipment is used or modified outside the manufacturer's specifications, safety may be compromised, releasing Toscano from any liability for improper use. The interior of the equipment must only be handled by personnel from our technical service.

## Wiring



## Diagram



## Description

Type B RCD, which detects earth faults caused by sinusoidal AC currents up to 1 kHz, pulsating DC currents, and pure DC currents, whether they are applied instantaneously or increase gradually.

## Características

|                                           |                                                           |
|-------------------------------------------|-----------------------------------------------------------|
| Class                                     | B                                                         |
| Rated current $I_n$                       | 25, 40, 63 A                                              |
| Number of poles                           | 2P, 4P                                                    |
| Rated voltage $U_e$                       | L-N: 230 V/ L-L: 415 V                                    |
| Sensibilidad nominal $I_{\Delta n}$       | 30 mA, 300 mA                                             |
| Insulation voltage $U_i$                  | 500 V                                                     |
| Breaking capacity $I_{nc}=I_{\Delta c}$   | 10.000 A                                                  |
| Tiempo de corte                           | $\leq 0,1$ s                                              |
| Rated frequency                           | 50/60 Hz                                                  |
| Rated impulse withstand voltage $U_{imp}$ | 4000 V                                                    |
| Directives                                | 2014-35-UE (LVD)<br>2014-30-UE (EMC)<br>2011-65-UE (RoHS) |

|            |                     |              |
|------------|---------------------|--------------|
| Mechanical | Trip indicator      | Yes          |
|            | Protection          | IP20         |
|            | Ambient temperature | -5 ... 40°C  |
|            | Storage temperature | -25 ... 70°C |

|              |                                |                                                      |
|--------------|--------------------------------|------------------------------------------------------|
| Installation | Admissible cable cross-section | 25 mm <sup>2</sup>                                   |
|              | Tightening torque              | 2.5 N.m                                              |
|              | Mounting                       | On DIN rail UNE-EN 60715 (35 mm), fixed using clamps |
|              | Connection                     | Top or bottom entry indistinctly                     |



Check the standards that our products comply with and download their declaration of conformity at:  
[toscano.es/standards](http://toscano.es/standards)