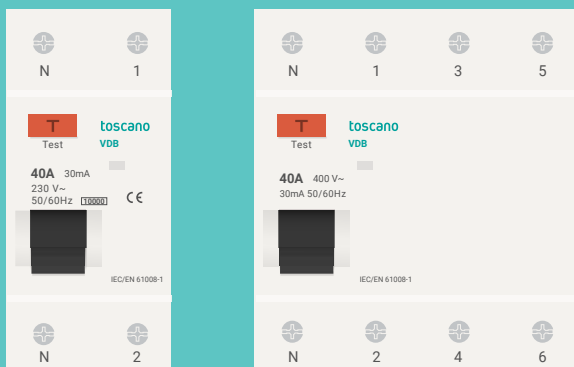




WARNING!

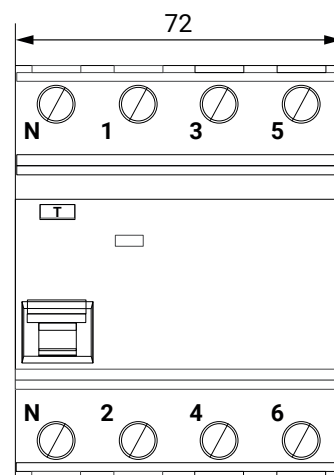
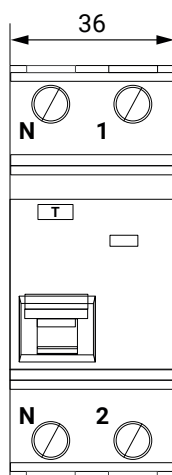
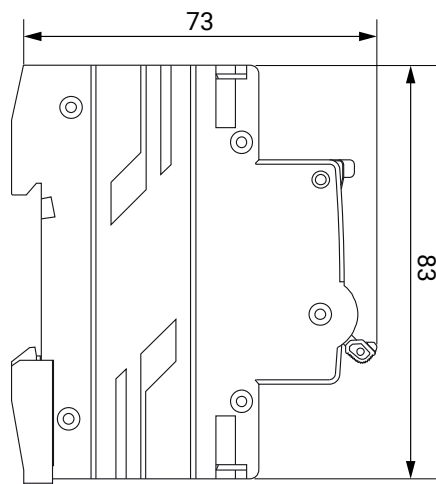
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of this device.
- This device should not be installed if, when unpacking it, you observe that it is damaged.
- Toscano cannot be held responsible in the event of non-compliance with the instructions in this document and in the documents to which it refers.
- For the correct operation of the equipment, the phases must be connected to the "L" terminals and the neutral to the "N" terminal.



HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

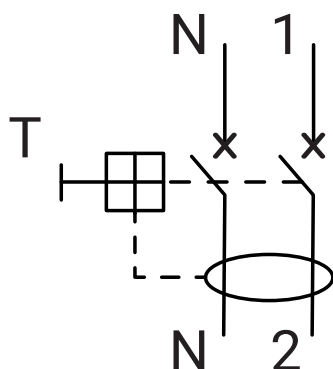
- Turn off all power supplying this device before working on it.
- Use a voltage tester on an appropriate range to verify that all live conductors are not energized.
- Failure to comply with these instructions may result in serious injury or even death.

Dimensions

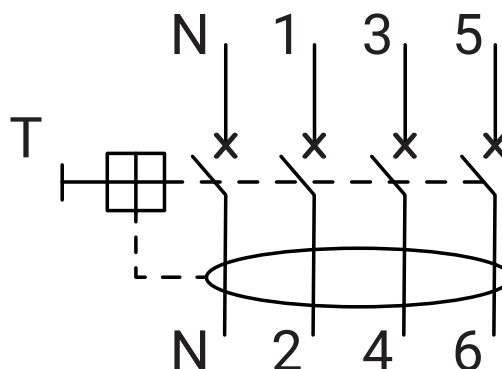


Electrical diagrams

VDB2P



VDB4P



Wiring



Technical specifications

	VDB2P	VDB4P
GENERAL		
Rated Operational Voltage U_e (L-N / L-L)	230 VAC (L-N)	230 VAC (L-N) / 400 VAC (L-L)
Rated current I_n	25 / 40 / 63 A	
Frequency	50-60 Hz	
Consumption	0.3 W	
Maximum terminal cross-section	25 mm ²	
Tightening torque	2.5 Nm	
Mounting	On DIN rail IEC/EN 60715 (35 mm) fixed by clamps	
N° of DIN modules	2	4
Dimensions (width x height x depth)	36 x 83 x 73 mm	72 x 83 x 73 mm
Approx. average weight	185 g	330 g
Approx. packed weight	200 g	360 g
ELECTRICAL		
Class	B	
Rated sensitivity $I_{\Delta n}$	30 mA, 300 mA	
Rated residual making and breaking capacity ($I_{\Delta m}$)	1000 A	
Insulation voltage U_i	500 V	
Rated breaking capacity $I_{nc} = I_{\Delta n}$	10 kA	
Tripping time	≤ 0.1 s	
Rated impulse withstand voltage (U_{imp})	4000 V	
Electrical and mechanical life	4000 cycles	
MECHANIC.		
Trip indicator	Yes	
Protection	IP 20	
Environmental limits	-5° +40° C / 90% R.H.	
Storage temperature	-25 / 70 °C	
COMPLIANCE		
Directives	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)	
Standards	IEC/EN 62423 IEC/EN 61008-1	

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 applied instantaneously or gradually.

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

