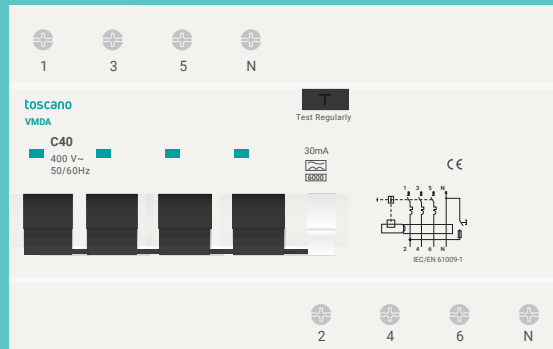




WARNING!

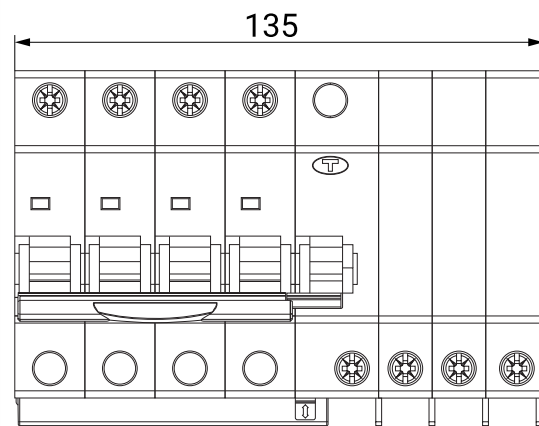
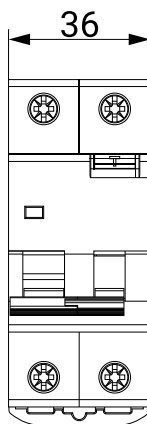
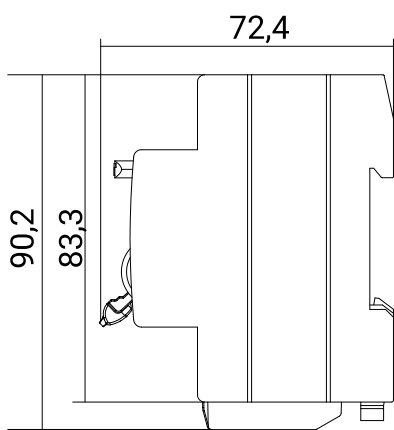
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of 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.
- The interior of the equipment must only be handled by personnel from our technical service.



HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

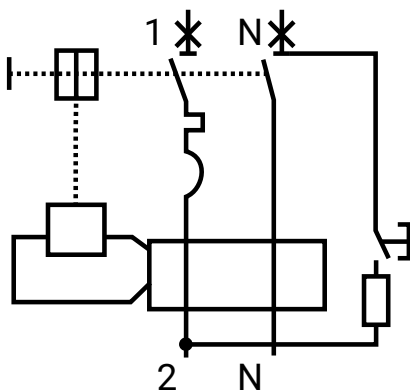
- Turn off all power supplying this device before working on it.
- Use a voltage tester with a suitable rated voltage in order to check that all active conductors aren't energized.
- Failure to follow these instructions will result in death or serious injury.

Dimensions

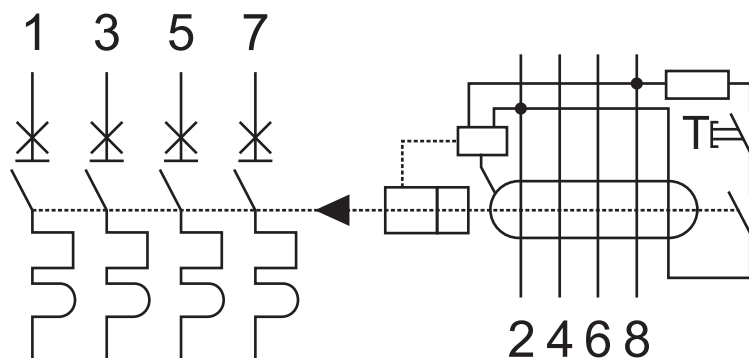


Electrical diagrams

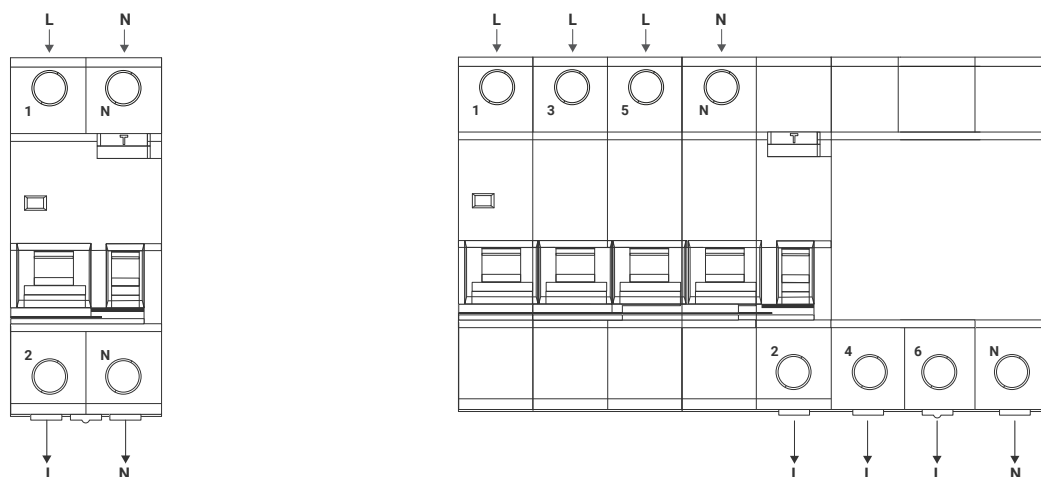
VDMA1PN



VDMA3PN



Wiring



Technical specifications

	VMDA1PN	VMDA3PN
ELECTRICAL	Class	A
	Tripping curve	C
	Rated current I_n	6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 40 A
	Numbers of poles	1P + N
	Rated voltage U_e	230 V~
	Rated residual current sensitivity $I_{\Delta n}$	30 mA
	Insulation voltage U_i	0.5 kV
	Rated breaking capacity I_{cn}	6 kA
	Rated residual making and breaking capacity $I_{\Delta m}$	3 kA
	Rated service short-circuit breaking capacity I_{cs}	7.5 kA
	Breaking time	$\leq 0,1$ s
	Frequency	50/60 Hz
	Rated impulse withstand voltage U_{imp}	4 kV
	Standards	2014-35-UE (LVD) 2014-30-UE (EMC) 2011-65-UE (RoHS)
MECHANICAL	Dimensions (width x height x depth)	36 x 83,3 x 72,4 mm
	Average weight approx.	200 g
		700 g
INSTALLATION	Trip indicator	Si
	Degree of protection	IP20
	Ambient temperature	-25 ... 40°C
	Storage temperature	-25 ... 70°C
INSTALLATION	Maximum terminal cross-section	25 mm ²
	Tightening torque	2.5 Nm
	Mounting	Mounted on DIN rail UNE-EN 60715 (35 mm), fixed with clamps
	Connection	Top or bottom entry, interchangeable

○ Description

Magnetothermal circuit breaker. Protects circuits against short-circuit currents, overload currents, switch faults, and insulation failures.

Used in residential installations, as well as in industrial and commercial electrical distribution systems.

Residual current device, Class A. Trips on earth faults caused by sinusoidal AC currents or pulsating DC currents, whether applied instantaneously or increasing gradually.

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

