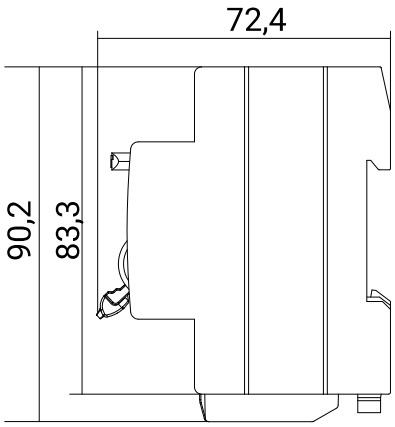
VMDA

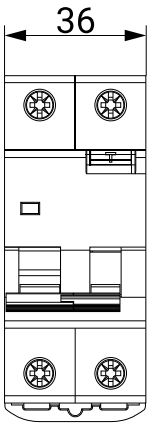
Magnetothermal + Residual Current Protector. Protects against **short-circuits, overloads, switch faults, and insulation failures.** Trips on earth faults.

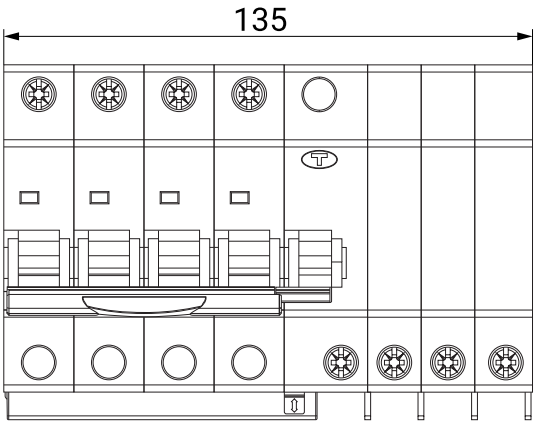
VMDA1PN

VMDA3PN

Dimensions

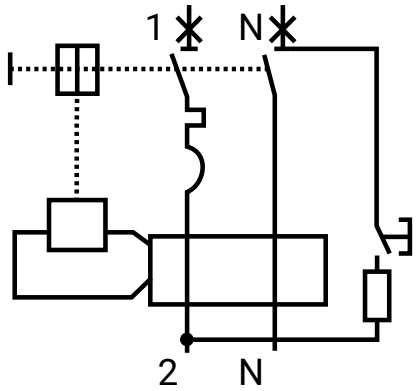




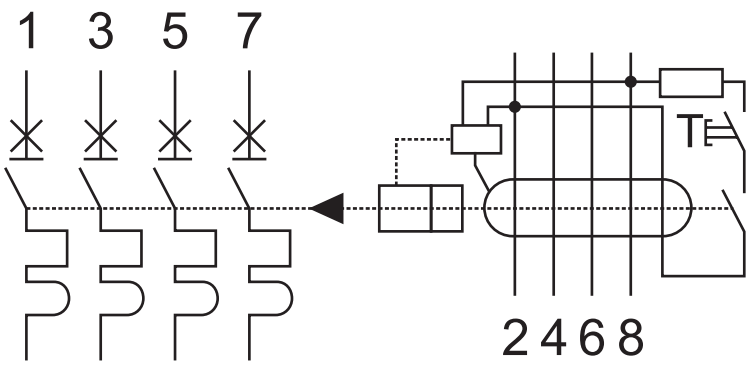


Electrical diagrams

VDMA1PN



VDMA3PN



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	3P + N
	Rated voltage U_e	230 V~	400 V ~
	Rated residual current sensitivity $I_{\Delta n}$	30 mA	
	Insulation voltage U_i	0,5 kV	
	Rated breaking capacity I_{cn}	6 kA	10 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	≤ 0,1 s	
	Frequency	50/60 Hz	
	Rated impulse withstand voltage U_{imp}	4 kV	
	Standars	2014-35-UE (LVD) 2014-30-UE (EMC) 2011-65-UE (RoHS)	
	Dimensions (width x heigh x depth)	36 x 83.3 x 72.4 mm	135 x 90.2 x 72.4 mm
	Average weight approx.	200 g	700 g
MECHANICAL	Trip indicator	Si	
	Degree of protection	IP20	
	Ambient temperature	-25 ... 40ºC	
	Storage temperature	-25 ... 70ºC	
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	

Models

VMDA1PN

Code	Reference
10005449	VMDA1PN0630
10005450	VMDA1PN1030
10005451	VMDA1PN1630
10005452	VMDA1PN2030
10005453	VMDA1PN2530
10005454	VMDA1PN3230
10005455	VMDA1PN4030

VMDA3PN

Code	Reference
10006066	VMDA3PN0630
10006067	VMDA3PN1030
10006068	VMDA3PN1630
10006069	VMDA3PN2030
10006018	VMDA3PN2530
10006070	VMDA3PN3230
10006071	VMDA3PN4030

Cod. 50023519. Ed. 1.26

Toscano Línea Electrónica, S.L.
P.I. La Isla c/Río Viejo, 50 - 41700 - Dos Hermanas - SEVILLA - SPAIN - (+34) 954 999 900 - www.toscano.es - info@toscano.es