

WARNING!

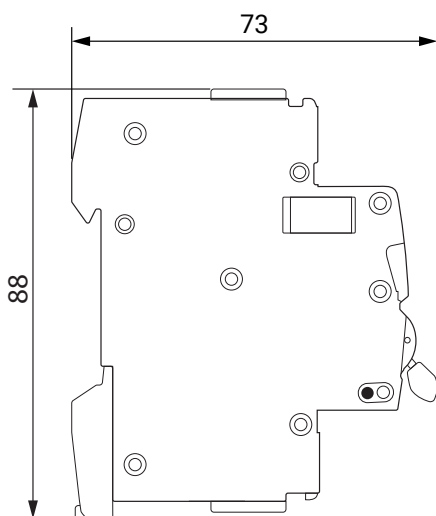
- The installation, maintenance and eventual replacement of this device must only be carried out by a qualified electrician.
- This device must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of 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".



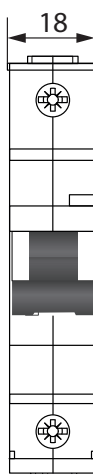
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- 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.

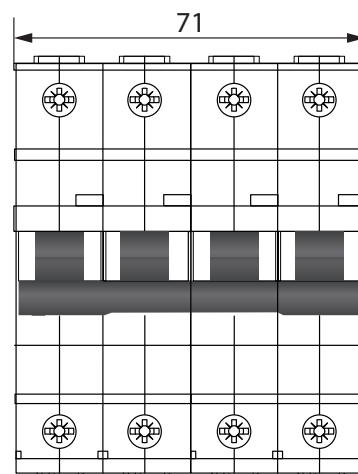
Dimensions



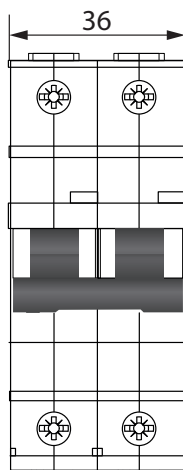
TMAC1P



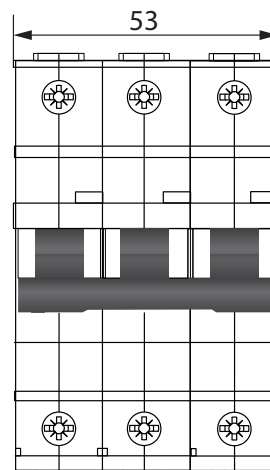
TMAC4P



TMAC2P

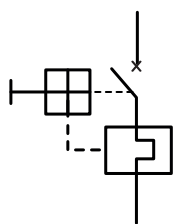


TMAC3P

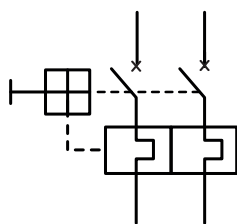


Esquemas

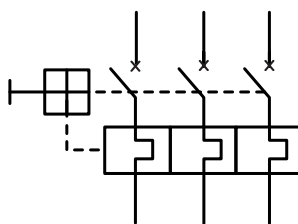
TMAC1P



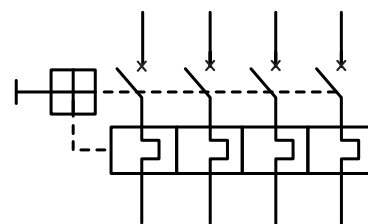
TMAC2P



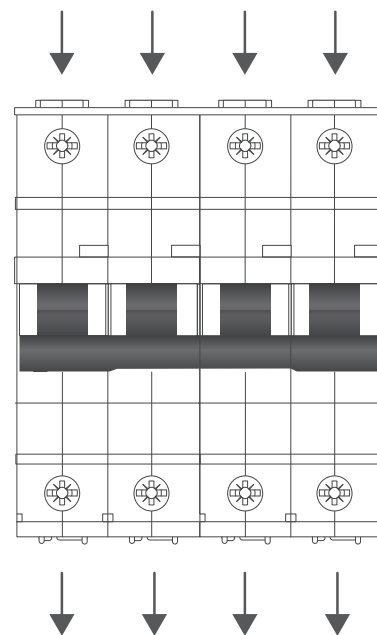
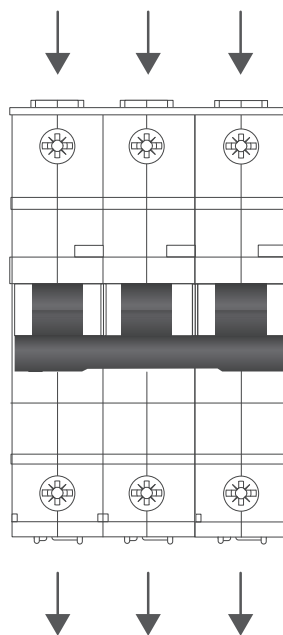
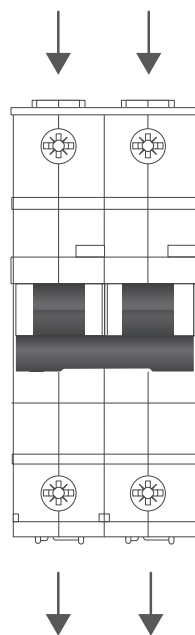
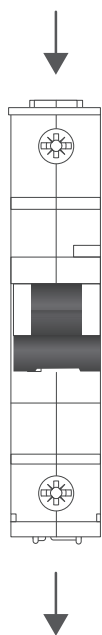
TMAC3P



TMAC4P



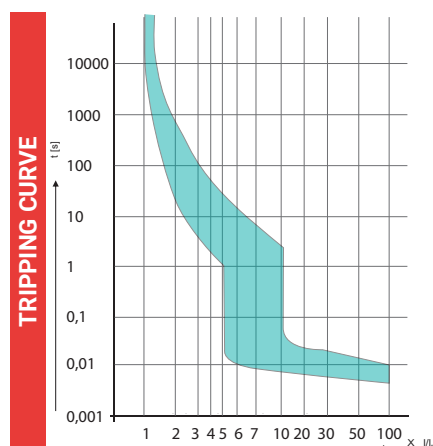
Conexionado



Technical specifications

	TMAC1P	TMAC2P	TMAC3P	TMAC4P
Rated voltage U_n (L-N / L-L)	230 VAC (L-N) / (L-L)	230 VAC / 400 VAC	230 VAC / 400 VAC	230 VAC / 400 VAC
Frequency	50-60 Hz			
Tightening torque	2 Nm			
Maximum terminal cross-section	25 mm ²			
Environmental limits	-5° +40° C and its average over a period of 24 h does not exceed +35 °C			
Protection	IP20			
Contact position indicator	Yes			
Electrical and mechanical life	20000			
Mounting	Rail DIN 35 by means of fast clip device			
N° of DIN modules	1	2	3	4
Directives	2014-35-UE (LVD) 2014-30-UE (EMC) 2011-65-UE (RoHS)			
Dimensions (width x height x depth)	18 x 88 x 73 mm	36 x 88 x 73 mm	53 x 88 x 73 mm	71 x 88 x 73 mm
Average weight approx.	105 g	220 g	305 g	450 g

Rated current I_n	10 / 16 / 20 / 25 / 32 / 40 / 50 / 63 A			
N° of poles	1	2	3	4
Energy limiting class	3			
Insulation voltage U_i	500 V			
Rated impulse withstand voltage U_{imp}	4 kV			
Thermal-magnetic tripping curve	C			
Rated breaking capacity I_{cn}	6 kA			
Rated operating short circuit breaking capacity (I_{cs})	6 kA			



Operation

TMAC circuit breakers protect circuits against short-circuit currents and overload currents. They are used in domestic installations, as well as in industrial and commercial electrical distribution systems.

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

