



TMDC

Thermal-magnetic circuit breaker with **overload and short-circuit protection**.

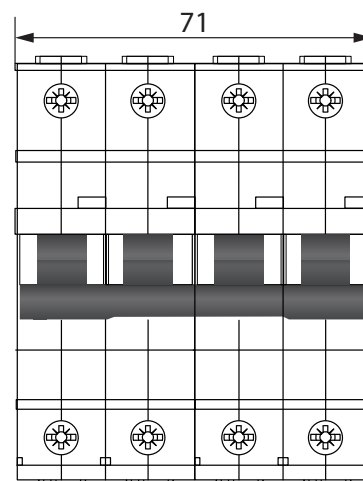
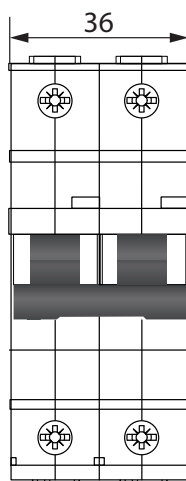
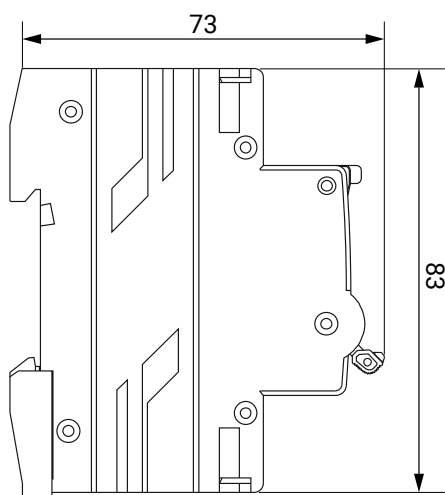


TMDC2P

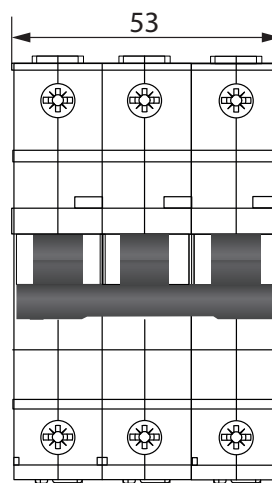


TMDC4P

Dimensions

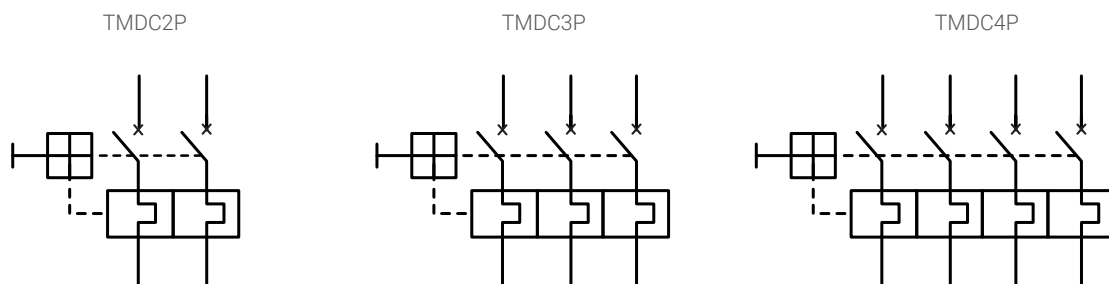


TMDC3P





Electrical diagrams



Technical specifications

	TMDC2P	TMDC3P	TMDC4P
GENERAL	Rated voltage U_e	500 VDC	750 VDC
	Tightening torque	2 Nm	
	Maximum terminal cross-section	25 mm ²	
	Environmental limits	-5° +40° C / 93% R.H.	
	Protection	IP20	
	Mechanical indicator	Yes	
	Mechanical life	20000 cycles	
	Mounting	Rail DIN 35 by means of fast clip device	
	N° of DIN modules	2	3
	Dimensions (width x height x depth)	36 x 88 x 73 mm	53 x 88 x 73 mm
ELECTRICAL	Approx. average weight	220 g	305 g
	Approx. packed weight	250 g	350 g
	Rated current I_n	16 / 20 / 25 A	
	N° of poles	2	3
	Energy limiting class	3	
	Insulation voltage U_i	1200 V	
	Rated impulse withstand voltage U_{imp}	6 kV	
	Rated short withstand current (I_{cw})	12 I_n	
	Tripping curve	B, C, D	
	Rated breaking capacity I_{cn}	10 kA	
COMPLIANCE	Rated operating short circuit breaking capacity I_{cs}	7.5 kA	
	Electrical life	4000 cycles	
	Pollution degree	3	
	Directives	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)	
	Standards	IEC/EN 60947-2	



Models

TMDC2P

Code	Reference
10005260	TMDC2P16
10005261	TMDC2P20
10005262	TMDC2P25

TMDC4P

Code	Reference
10005266	TMDC4P16
10005267	TMDC4P20
10005268	TMDC4P25
10005269	TMDC4P63

TMDC3P

Code	Reference
10005263	TMDC3P16
10005264	TMDC3P20
10005265	TMDC3P25

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