

TMP Series ▶ 7 to 30 W



- ▶ Fully encapsulated low profile plastic case
- ▶ 2 packages styles available:
 - For PCB mount with solder pins
 - For chassis mount with screw terminal block
- ▶ Single-, dual- and triple output models
- ▶ Universal input 85–264 VAC, 47–440 Hz
- ▶ Safety class II
- ▶ Short circuit and overload protection

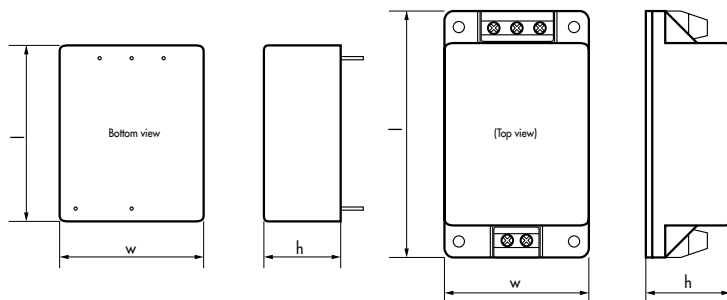


NEW
Product

Specifications		Models			
Input voltage range	85–264 VAC, 47–440 Hz	Order code	Output power	Output 1	Output 2/3
Line regulation	1.0 % max.	TMP 07103		3.3 VDC / 1400 mA	
Load regulation	1.0 % typ. Output 1 3.0 % typ. Output 2 & 3	TMP 07105		5.0 VDC / 1400 mA	
Ripple & noise (20 MHz BW)	<75 mVpk-pk for 3.3 & 5.0 VDC outputs <150 mVpk-pk for other outputs	TMP 07112	7 W	12 VDC / 585 mA	
EMI suppression	EN 55011 class B, EN 55022 class B and FCC, level B	TMP 07115		15 VDC / 465 mA	
EMC immunity	EN61000-6-1	TMP 07124		24 VDC / 290 mA	
Output current limitation	>120% Inom. foldback, automatic recovery	TMP 10103		3.3 VDC / 2000 mA	
Efficiency	83 % typ.	TMP 10105		5.0 VDC / 2000 mA	
Operating temperature	–25 °C to +60 °C above 50 °C derating 3.5%/K	TMP 10112		12 VDC / 830 mA	
Safety standards / approvals	cUL/UL 60950-1, IEC/EN 60950-1, CB-report,	TMP 10115	10 W	15 VDC / 665 mA	
Degree of protection	safety class II prepared	TMP 10124		24 VDC / 415 mA	
Case	plastic (UL 94V-0 rated)	TMP 10212		+12 VDC / 380 mA	–12 VDC / 380 mA
Option	DIN-rail mount adapter	TMP 10215		+15 VDC / 300 mA	–15 VDC / 300 mA
		*TMP 15105		5.0 VDC / 3000 mA	
		*TMP 15112		12 VDC / 1250 mA	
		*TMP 15115		15 VDC / 1000 mA	
		*TMP 15124		24 VDC / 625 mA	
		*TMP 15148	15 W	48 VDC / 310 mA	
		*TMP 15212		+12 VDC / 650 mA	–12 VDC / 650 mA
		*TMP 15215		+15 VDC / 500 mA	–15 VDC / 500 mA
		*TMP 15252		+5.0 VDC / 1500 mA	+12 VDC / 625 mA
		*TMP 15512		+5.0 VDC / 2000 mA	+12 VDC / 200 mA –12 VDC / 200 mA
		*TMP 15515		+5.0 VDC / 2000 mA	+15 VDC / 150 mA –15 VDC / 150 mA
		*TMP 30105		5.0 VDC / 6000 mA	
		*TMP 30112		12 VDC / 2500 mA	
		*TMP 30115		15 VDC / 2000 mA	
		*TMP 30124		24 VDC / 1250 mA	
		*TMP 30148		48 VDC / 625 mA	
		*TMP 30212		+12 VDC / 1300 mA	–12 VDC / 1300 mA
		*TMP 30215		+15 VDC / 1000 mA	–15 VDC / 1000 mA
		*TMP 30252		+5.0 VDC / 3000 mA	+12 VDC / 1250 mA
		*TMP 30512	30 W	+5.0 VDC / 3000 mA	+12 VDC / 600 mA –12 VDC / 600 mA
		*TMP 30515		+5.0 VDC / 3000 mA	+15 VDC / 500 mA –15 VDC / 500 mA
		*TMP 30522		+5.0 VDC / 1500 mA	+12 VDC / 1000 mA –12 VDC / 250 mA
		*TMP 30316		+3.3 VDC / 4000 mA	+5.0 VDC / 1500 mA +12 VDC / 250 mA
		*TMP 30317		+5.0 VDC / 4500 mA	+3.3 VDC / 1000 mA +12 VDC / 250 mA

Dimensions

Type	PCB mount			Chassis mount		
	Length l	Width w	Height h	Length l	Width w	Height h
TMP 07xxx	51 (2.00)	25.4 (1.00)	18.3 (0.72)			
TMP 10xxx	64 (2.52)	45 (1.77)	18 (0.71)			
TMP 15xxx	74 (2.91)	54 (2.13)	18.3 (0.72)	96 (3.78)	54 (2.13)	22.3 (0.88)
TMP 30xxx	89 (3.50)	63.5 (2.50)	21.5 (0.85)	112 (4.41)	63.5 (2.50)	24.6 (0.97)



() = Inches

* For chassis mount version add suffix C