

AC/DC Power Modules

**POWER
SOLVE**

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TMS Series, 6 - 25 Watt

- = Miniature encapsulated Power Supplies
- = 3 Package Styles available:
 - for PCB Mounting with Solder Pins
 - for Chassis Mounting with FASTON-Tabs
 - for Chassis Mounting with Screw Terminal Block
- = Universal Input 85–264 VAC
- = EMI meets 55022, Class B and FCC, Level B
- = Short Circuit Protection



Input voltage range:	85–264 VAC, 50/60 Hz 110–375 VDC
Line regulation:	±0.4% max.
Load regulation:	±1.0% max. for single output models ±2.0% max. for dual output models
Ripple & Noise:	<100 mVpk-pk (20 MHz BW)
EMI suppression:	EN 55011 class B, EN 55022 class B and FCC, level B
EMC immunity:	EN 61000-6-1
Output current limitation:	>130% I _{out} max., foldback, automatic recovery
Efficiency:	78% typ.
Operating temperature:	–25°C ... +60°C, above 50°C derating 5%/°C, 5 Vout models: above 40°C derating 2.5%/°C
Safety standards / approvals:	cUL/UL 60950, IEC/EN 60950, CB-report
Degree of protection:	safety class I
Case:	plastic (UL 94V-0 rating)
Option:	kit for DIN-Rail mounting

Models			
Order Code	Input voltage	Output voltage	Output current max.
TMS 06105	6 W	5 VDC 1200 mA	
TMS 06112		12 VDC 500 mA	
TMS 06115		15 VDC 400 mA	
TMS 06124		24 VDC 250 mA	
TMS 06212		+ 12 VDC 250 mA	– 12 VDC 250 mA
TMS 06215		+ 15 VDC 200 mA	– 15 VDC 200 mA
*TMS 10105	10 W	5 VDC 2000 mA	
*TMS 10112		12 VDC 900 mA	
*TMS 10115		15 VDC 700 mA	
*TMS 10124		24 VDC 450 mA	
*TMS 10212		+ 12 VDC 450 mA	– 12 VDC 450 mA
*TMS 10215		+ 15 VDC 350 mA	– 15 VDC 350 mA
*°TMS 15105	15 W	5 VDC 3000 mA	
*°TMS 15112		12 VDC 1300 mA	
*°TMS 15115		15 VDC 1000 mA	
*°TMS 15124		24 VDC 650 mA	
*°TMS 15212		+ 12 VDC 650 mA	– 12 VDC 650 mA
*°TMS 15215		+ 15 VDC 500 mA	– 15 VDC 500 mA
*°TMS 25105	25 W	5 VDC 4600 mA	
*°TMS 25112		12 VDC 2000 mA	
*°TMS 25115		15 VDC 1600 mA	
*°TMS 25124		24 VDC 1000 mA	
*°TMS 25212		+ 12 VDC 1000 mA	– 12 VDC 1000 mA
*°TMS 25215		+ 15 VDC 800 mA	– 15 VDC 800 mA

without suffix: PCB mounting Version

*suffix F: Chassis mounting with Faston-Tabs (Example TMS 25105 F)

°suffix C: Chassis mounting with Screw Terminal Block (Example TMS 25105 C)

Dimensions			
Type	Length l	Width b	Height h
TMS 06	50 (1.97)	40 (1.57)	20 (0.79)
TMS 10	55 (2.17)	45 (1.77)	24 (0.94)
TMS 15	64 (2.52)	45 (1.77)	24 (0.94)
TMS 25	76 (2.99)	51 (2.01)	28 (1.10)
TMS 10F	75 (2.95)	45 (1.77)	24 (0.94)
TMS 15F	84 (3.31)	45 (1.77)	24 (0.94)
TMS 25F	96 (3.78)	51 (2.01)	29 (1.14)
TMS 15C	84 (3.31)	45 (1.77)	26.5 (1.04)
TMS 25C	96 (3.78)	51 (2.01)	29.5 (1.16)

