

- 2:1 Input Range
- Dual Output
- Half-brick Package
- continuous short circuit Protection
- Remote ON/OFF



Model Number	Input Voltage	Output Voltage 1	Output Voltage 2	Output Current	Input No Load	Current Full Load	% Eff.
TP75-24D2.5-5	18 -36 V	2.5 VDC	5 VDC	15A/ 15A	50 mA	3765 mA	83
TP75-24D3.3-5	18 -36 V	3.3 VDC	5 VDC	15A/ 15A	50 mA	3765 mA	83
TP75-48D2.5-5	36 -75 V	2.5 VDC	5 VDC	15A/ 15A	30 mA	1860 mA	84
TP75-48D3.3-5	36 -75 V	3.3 VDC	5 VDC	15A/ 15A	30 mA	1860 mA	84

All Specifications are Typical at Nominal Line, Full load, and 25°C Unless Otherwise Noted / © TECHNO-PROJEKT 2009

### INPUT SPECIFICATIONS

INPUT UNDER-VOLTAGE LOCKOUT.....	24Vin power down ..... 17V typ
	24Vin power up..... 15.5V typ
	48Vin power down ..... 34V typ
	48Vin power up..... 32.5V typ
POSITIVE LOGIC REMOTE ON/OFF CONTROL	
Logic Compatibility .....	CMOS or Open Collector TTL, ref. to –Vin
Module ON .....	Open Circuit
Module OFF.....	<0.8 Vdc
INPUT FILTER.....	PI Type

## OUTPUT SPECIFICATIONS

Voltage Accuracy.....	±2% max
Ripple and Noise, 20MHz BW .....	max. 100mVpp.
Temperature Coefficient .....	±0.03%/C max
Line Regulation .....	±0.2%.
Load Regulation .....	±0.5%.
External Trim Adj. Range .....	±5%
Short Circuit Protection .....	continuous
Over Voltage Protection.....	115 – 140%
Current Limit .....	110% - 140% Nominal Output

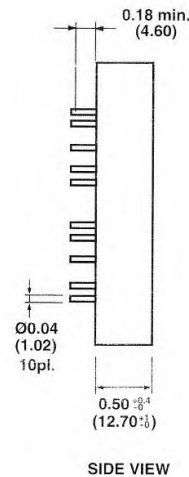
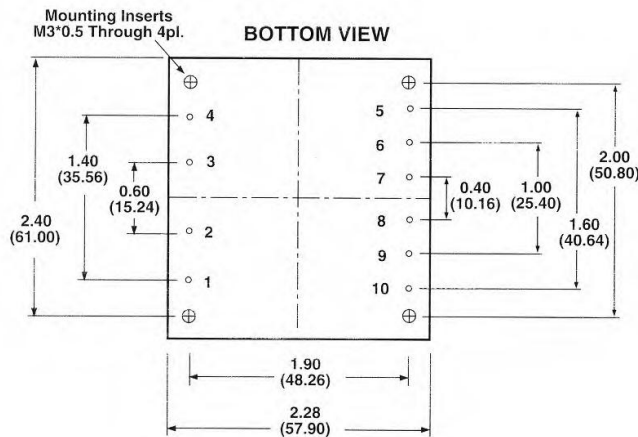
## GENERAL SPECIFICATIONS

ISOLATION VOLTAGE.....	1500VDC max.
ISOLATION RESISTANCE .....	100 MOhm
SWITCHING FREQUENCY.....	400KHz typ.
OPERATING TEMPERATURE RANGE.....	-40°C TO +100°C
THERMAL SHUT DOWN; CASE TEMPERATURE .....	100°Cmax.
STORAGE TEMPERATURE RANGE.....	-55°C TO +105°C
CASE MATERIAL .....	Aluminium Base Plate with Plastic Case
DIMENSIONS .....	2,28×2,40×0.52 INCHES (57.9 × 61.0 × 13.2mm)

### NOTE:

1. LINE REGULATION: Measured From High Line To Low Line
2. LOAD REGULATION: Measured From Full Load To Zero Load
3. Output ripple and noise is measured with 10µF tantalum and 1µF Ceramic capacitor across output

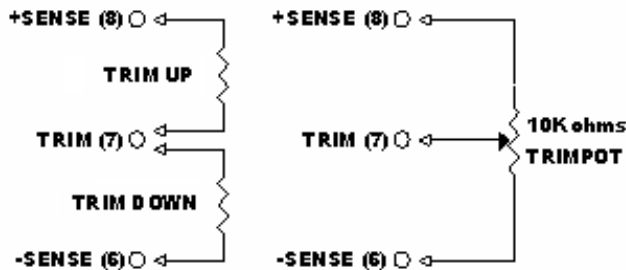
### MECHANICAL SPECIFICATIONS



### PIN CONNECTION

Pin	Function
1	+ Vin
2	Remote ON/OFF
3	Case
4	- Vin
5	+ Vo2
6	- Vo2
7	Vo2 Trim
8	+ Vo1
9	- Vo1
10	Vo1 Trim

### External Output TRIM



### REMOTE ON/OFF

Logic Compatibility CMOS or Open collector TTL ref. to -Vin  
 Modul ON >+3.5 to 75VDC or Open Circuit  
 Module OFF <1.8 Vdc

