

## INSTALLATION INFORMATION

### TMP 30 Series

### AC/DC POWER MODULE

Order Code	Order Code	Output Power max.	Output1	Output2
TMP 30105	TMP 30105C	30 Watts	5Vdc / 6000mA	
TMP 30112	TMP 30112C	30 Watts	12Vdc / 2500mA	
TMP 30115	TMP 30115C	30 Watts	15Vdc / 2000mA	
TMP 30124	TMP 30124C	30 Watts	24Vdc / 1250mA	
TMP 30148	TMP 30148C	30 Watts	48Vdc / 625mA	
TMP 30212	TMP 30212C	30 Watts	+12Vdc / +1300mA	-12Vdc / -1300mA
TMP 30215	TMP 30215C	30 Watts	+15Vdc / +1000mA	-15Vdc / -1000mA

Input Voltage Rated:	100-240Vac / 50 – 60Hz	Terminal for Wiring:	PCB mounting with solder pin's or Screw type terminal: Wires 1.5mm <sup>2</sup> max. Recommended tightening torque (Used Copper Conductors only, 60/75°C): 0.5 to 0.6Nm (4.4 to 5.3lb.in.)
Input Current:	760mA max.		
Operation Temperature Range:	-25°C ~ +70°C max. (with derating above 50°C, see datasheet for details)	Case Material:	Plastic Resin + Fiberglass UL 94V-0 flammability rating

### Safety Instructions:

- Before installation read these instructions carefully and completely. This installation instruction cannot claim for every possible example of installation, operation or maintenance. Further information's are obtainable from your local distributor office or from the product data sheet which can be downloaded from the Internet at <http://www.tracopower.com/>
- The power supplies are constructed in accordance with the safety requirements of IEC/EN/UL/cUL62368-1(60950-1), UL508 and CSA C22.2 No107.1-01. They fulfil the requirements of the Low Voltage Directive (LVD) and carries the CE-mark. They are UL and cUL approved in accordance to UL62368-1(60950-1), UL508 and CSA C22.2 No107.1-01(recognised).
- Before an installation, maintenance or modification work ensure that the main switch is switched off and prevented from being switched on again. In case of non-observance touching at any alive components or improper dealing with this power supply can result in death, severe personal injury or substantial property damage. The successful and safe operation is dependent of proper storage, handling, installation and operation.
- Compliance with the relevant national regulations (in the USA, Europe and the other countries) must be ensured. Before operation is started the following conditions must be ensured:
  - Connection to mains supply in compliance with national regulations (VDE0100 and EN50178).
  - By use of stranded wires, all strands must be fastened in the terminal blocks.
  - Power supply and mains cables must be sufficiently fused.
  - All output wires must be rated for the power supply output current and must be connected with the correct polarity
  - Sufficient cooling must be ensured
  - Keep away from fire and water
  - The equipment for installation in a Pollution Degree 2 environment.
- **Never work on the power supply if power is supplied!** Risk of electric arcs and electrical shock which can cause death,

severe personal injury of substantial property damage.

- **Warning:** Hazardous voltages and components storing a very substantial amount of energy are present in this power supply during normal operating conditions. However, these are inaccessible. Improper handling may result in an electric shock or serious burns!

#### **Do not open the power supply.**

- ◆ **Avertissement:** Ce bloc d'alimentation contient une grande tension et des composants puissants pendant l'utilisation normale. Une mauvaise manipulation peut causer un choc électrique ou des brûlures graves !

#### **N'ouvrez pas le bloc d'alimentation.**

#### **Installation Instructions:**

- This power supply is designed for professional indoor systems. In operation the power supply must not be accessible. It may be installed and put into service by qualified personnel only.
- The correct mounting position for optimal cooling performance must be observed. Observe power derating (see data sheet).

**Recycling:** The unit contains elements which are suitable for recycling, and components which need special disposal. You are therefore requested to make sure that the power supply will be recycled by the end of its service life.

**“CAUTION: FOR USE IN A CONTROLLED ENVIRONMENT. REFER TO MANUAL FOR ENVIRONMENTAL CONDITIONS.”**

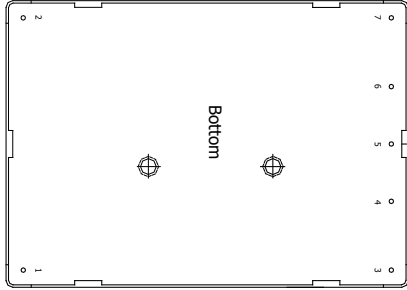
**ATTENTION: A UTILISER DANS UN ENVIRONNEMENT SOUS CONTRÔLE. VOIR MANUEL POUR LES CONDITIONS ENVIRONNEMENTALES.**

## Wiring terminals diagram:

### ■ PCB Mounting Version



UL508 recognition mark



### Pin Connections

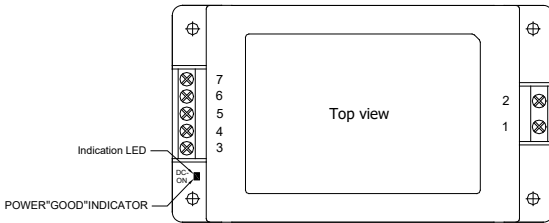
Pin	Single	Dual
1	AC(N) – AC Neutral	
2	AC(L) – AC Line	
3	+Vout	+Vout
4	No Pin	
5	-Vout	Common
6	No Pin	
7	NC	-Vout

NC: No Connection

### ■ Chassis Mounting Version



UL 508 Listing



### Pin Connections

Pin	Single	Dual
1	AC(N) – AC Neutral	
2	AC(L) – AC Line	
3	+Vout	+Vout
4	NC	
5	-Vout	Common
6	NC	
7	NC	-Vout

NC: No Connection

### ■ DIN-Rail Mounting Kit

