

Installation Manual

TPC3

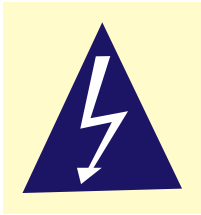


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AC - DC / DC - DC Converter - 12Vdc Output

CAUTION



Equipment must be installed & serviced by suitably qualified service personnel in a restricted access area. There are no user serviceable parts inside.

Do not remove module covers

No user serviceable parts inside

General



This power convertor is designed for indoor use only.

The TPC3 is a low profile DC - DC / AC - DC Convertor designed to convert either 24V AC or 9-48V DC to a reliable, clean output voltage between 5Vdc and is rated for 1.5A continuous output.

Note: Input voltage must not exceed 48V DC - permanent damage may result.

This model features output current limiting and thermal shutdown protection with auto recovery.

Connection

Connect input power to terminals marked "Input" (see diagram overleaf).

Note that these terminals are not polarity conscious.

Load equipment may be connected to terminals marked "Out".

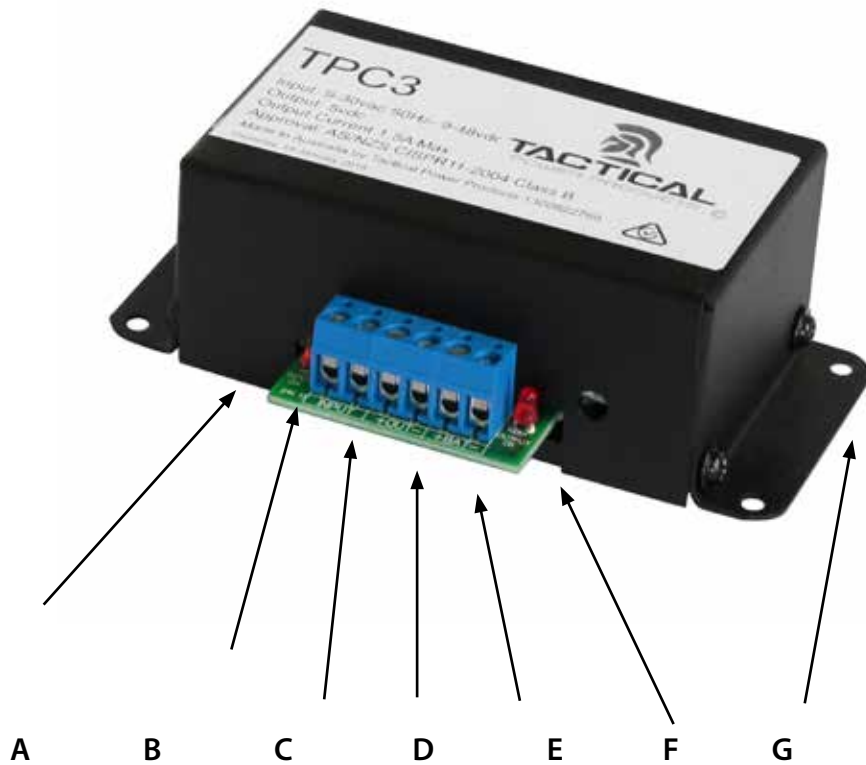
Confirm polarity before connecting.

Output voltage is factory set to 5Vdc.

Input and output LED's should be illuminated when operating normally.

There are no fuses or user serviceable components inside the cabinet - return to your supplier for service or replacement

LAYOUT



A	Output Voltage Adjustment (Use an insulated screwdriver to adjust)
B	Input OK LED
C	Input Terminals: 9Vdc - 48Vdc or 24Vac nominal
D	Output Terminals: 5Vdc / 1.5A Max (factory set to 5.3Vdc)
E	Not Used
F	Output OK LED
G	Mounting Holes

TPC3

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AC-DC / DC-DC Converter

Specifications :

(In the interests of product improvement, Tactical reserves the right to change specifications without notice)

	TPC3
Input Voltage	9Vdc - 48Vdc or 24Vac nominal
Output Voltage	Factory set to 5.3Vdc
Output Current	1.5A Max.
Output Protection	Current Limiting with Auto Recovery, Thermal Shutdown
Operating Temperature	0° C to 45° C
Soft Start	1 - 2 seconds (typical)
EMC Standards	CISPR11:2004 - Class B
Dimensions	115 W x 65 D x 40 H mm

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