

# 24Vac 10A Series



## MODELS :

- TPS24-10BD-2
- TPS24-10BD-4
- TPS24-10BD
- TPS24-10BD10R
- TPS24-10BD-20
- TPS24-10BD-20R

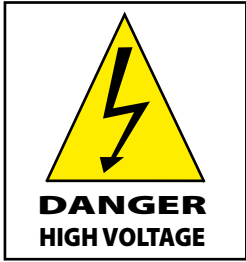
© 2012 The contents of this manual are copyright and may not be reproduced without the written permission of Tactical Technologies Pty Ltd.



DESIGNED & MANUFACTURED

# Installation Manual

# CAUTION



Equipment must be installed & serviced by suitably qualified service personnel in a restricted access area.

*Dangerous Voltages Inside !*

*Do not remove covers*

*No user serviceable parts inside*

## General



These power supplies are designed for **indoor use only**.

TPS24-10BD models are available with 2, 4, 10 or 20 individually fused outputs - each provided with a LED indicator to display circuit status, a handy feature for quick troubleshooting of cabling or camera faults. The TPS24-10BD Series is particularly handy for installations requiring relatively high current output for a small number of cameras eg Pan Tilt Zoom or IR Illuminators.

The Tactical 24AC Series includes models ranging from 2A to 20A output, with 1, 2, 4, 10 or 20 individual fused outputs (model dependant). Check [www.tac-tec.com.au](http://www.tac-tec.com.au) or your Tactical Distributor.

## TPS24-10BD Model Variants:

TPS24-10BD-2	24Vac 10A CCTV Power Supply with 2 x 5A Fused Outputs ( 310W x 240H x 60D mm )
TPS24-10BD-4	24Vac 10A CCTV Power Supply with 4 x 2.5A Fused Outputs ( 310W x 240H x 60D mm )
TPS24-10BD	24Vac 10A CCTV Power Supply with 10 x 1A Fused Outputs ( 310W x 240H x 60D mm )
TPS24-10BD10R	24Vac 10A CCTV Power Supply with 10 x 1A Polyswitch Outputs ( 310W x 240H x 60D mm )
TPS24-10BD-20	24Vac 10A CCTV Power Supply with 20 x 500mA Fused Outputs ( 310W x 240H x 60D mm )
TPS24-10BD-20R	24Vac 10A CCTV Power Supply with 20 x 500mA Polyswitch Outputs ( 310W x 240H x 60D mm )

## Connection

TPS24-10BDXX models are fitted with one or more Tactical Technologies PDM (2, 4 or 10 way) Power Distribution Modules.

In order to provide maximum short circuit protection, it is recommended that the installer assess the current draw of each device connected to the PDM and fit a fuse of appropriate value to suit.

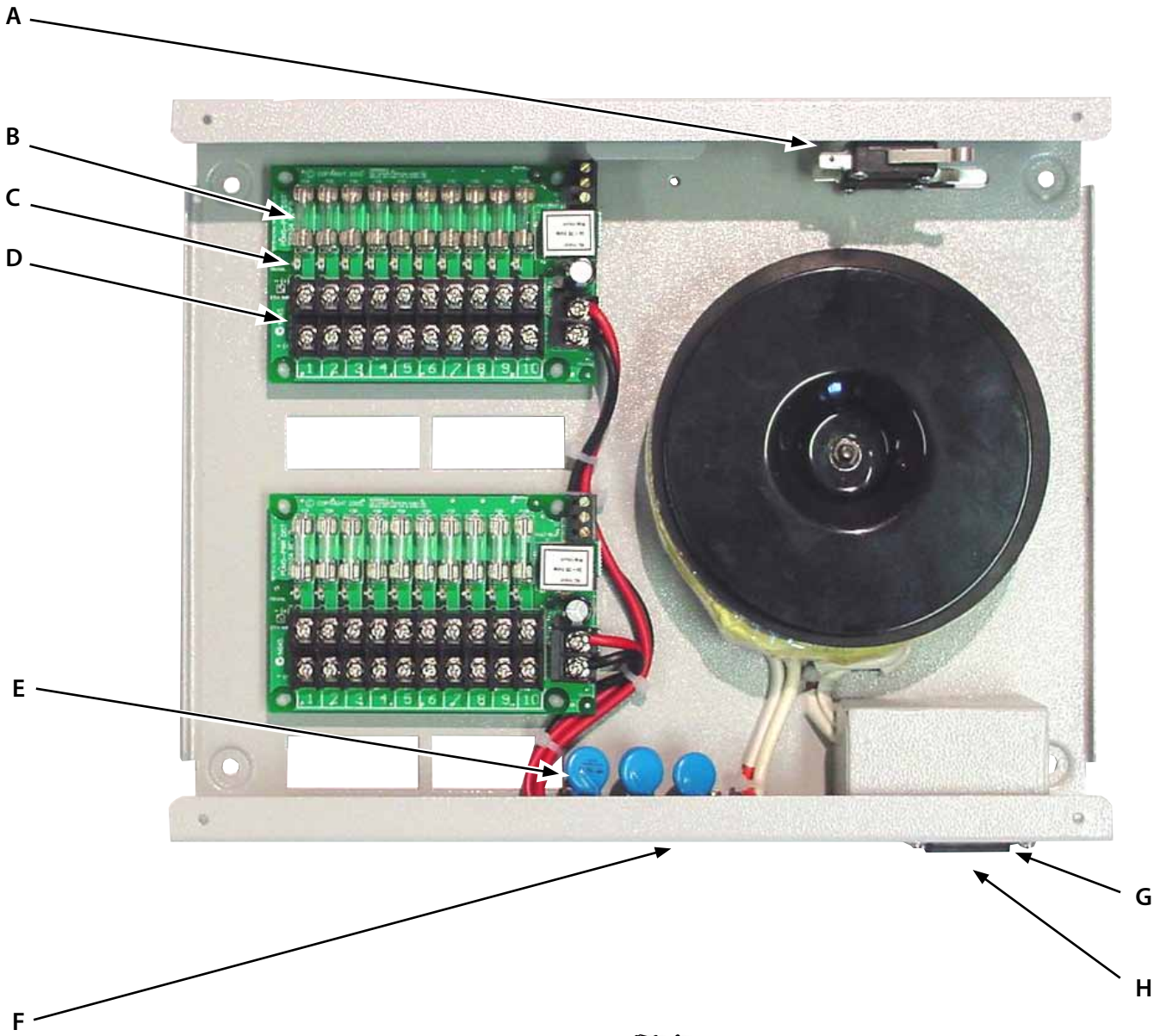
Ensure that total device current draw does not exceed the rated output of the power supply, remembering to allow an adequate power margin for equipment cold start.

For your convenience, an LED is fitted adjacent to each fuse. The LED is lit when the fuse is intact and extinguished when the fuse has failed.

Note that TPS24-10BD models have a 240V primary side fuse fitted in an integrated fuse holder within the IEC type Power Socket Connector fitted on the lower edge of the cabinet (a factory supplied spare fuse may be found clipped inside the fuse drawer).

# LAYOUT

TPS24-10BD-20 Shown



<b>A</b>	Cabinet Tamper Switches (Front & Rear)	<b>B</b>	Individual Circuit Fuses
<b>C</b>	Individual Circuit Status LEDs	<b>D</b>	Individual Output Terminals
<b>E</b>	Anti-Surge MOV Network	<b>F</b>	Compliance / Date of Manufacture Label
<b>G</b>	240V Mains Input (IEC Socket) Plug & lead supplied	<b>H</b>	Input Mains Fuse ( Integrated into IEC Mains Socket)

# 24Vac 10A Series

POWERING<sup>®</sup>  
YOUR VISION

## Specifications :

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

	TPS24-10BD-2	TPS24-10BD-4	TPS24-10BD	TPS24-10BD10R	TPS24-10BD-20	TPS24-10BD-20R
Output Voltage	24 Vac					
Output Current	10A					
Output Channels	2	4	10	10	20	20
Output per Channel	5A	2.5A	1A	1A	500mA	500mA
Input Voltage	240 Vac / 50Hz					
Input Current	1.2A @ 240Vac					
Input Fuse Rating	(T) 2.5A/250V					
Weight	< 6Kg					
Dimensions	310W x 240H x 60D mm					
DOFT Approval No:	NSW 24695					
Safety Standards	AS/NZS 61558.2.6.2001					
EMC Standards	AS/NZS CISPR 14.1:2003					



[www.tac-tech.com.au](http://www.tac-tech.com.au)

Securing Your Power Needs<sup>®</sup>  
*Now and into the Future...*



Tel: +61 2 8822-1888

5 Butterfield St, Blacktown NSW 2148

Fax: +61 2 8822-1899