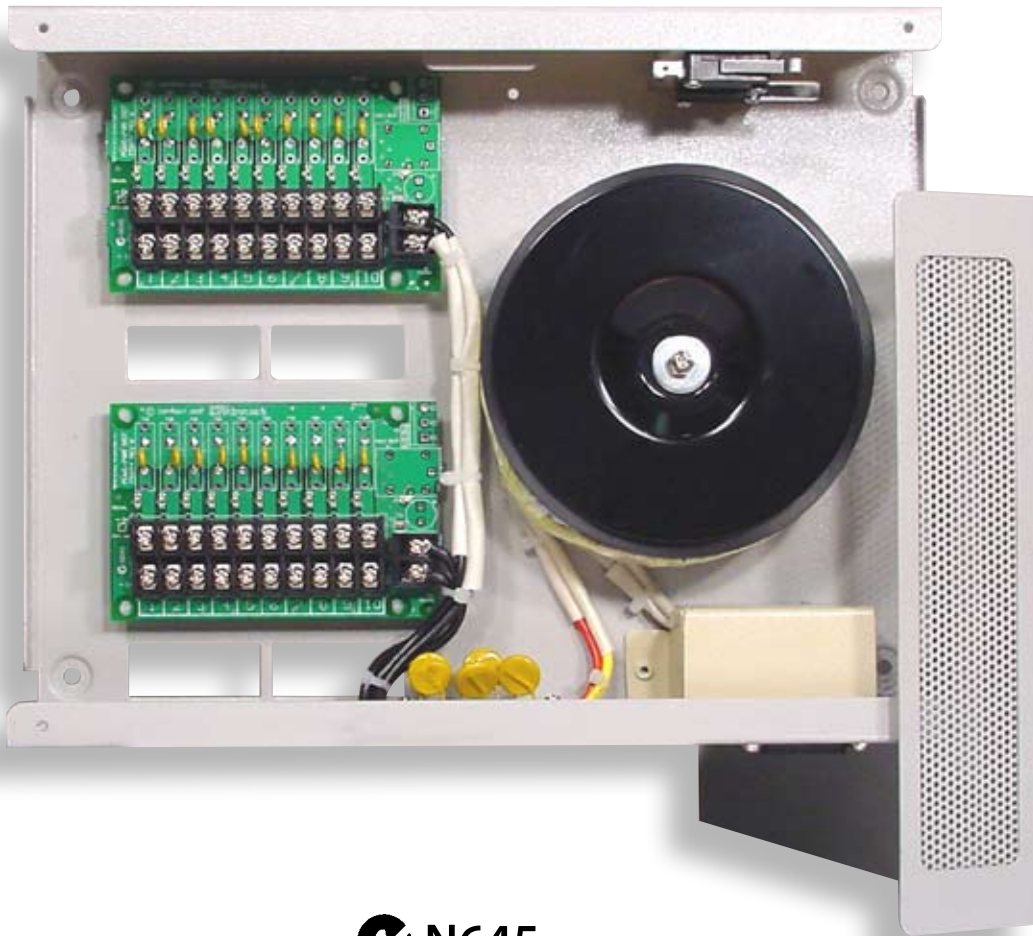


Installation Manual

TPS24-10BD-20R



 N645

24V AC 10A Power Supply

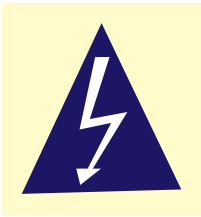
TNT
TACTICAL PTY LTD
TECHNOLOGIES

POWERING
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Designed & Manufactured

CAUTION



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

Dangerous Voltage Inside !

Do not remove module covers

No user serviceable parts inside

General



This power supply is designed for indoor use only.

The TPS24-10BD-20R 24Vac 10A power supply has been designed to provide an off-the-shelf solution for CCTV and Access Control installations.

There's no longer any need to have banks of individual power supplies and multiple 240v power outlets to run your system. The TPS24-10BD-20R has 20 individual solid-state polyswitch protected outputs - each provided with a LED indicator to display the condition of the circuit, a handy feature for quick troubleshooting of cabling or camera faults.

In case of a short circuit on any one of the polyswitch protected outputs, that circuit will automatically current limit and the circuit's LED will extinguish. When the fault is rectified, the polyswitch will automatically reset and the circuit status LED will light.

Connection

The TPS24-10BD-20R is fitted with two Tactical Technologies PDM-2 (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-2 and ensure that the rated current of 0.5A (500mA) per circuit is not exceeded.

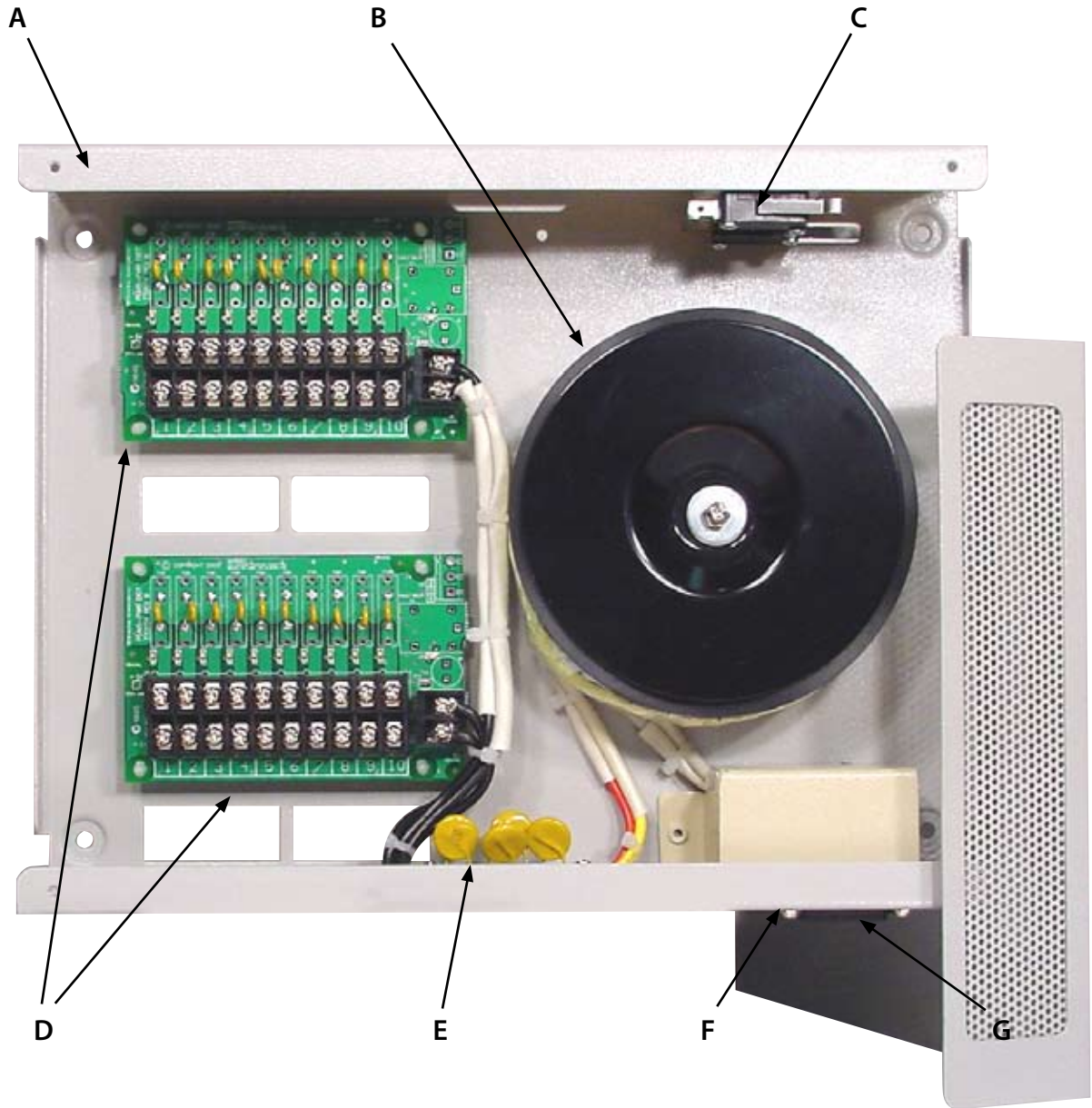
Ensure that **total** device current draw does not exceed the rated output of the power supply (10A), remembering to allow an adequate power margin for equipment cold start.

For your convenience, an LED is fitted adjacent to each polyswitch. The LED is lit when the polyswitch is intact and extinguished during a fault (short circuit) condition. The polyswitch will automatically reset when the fault condition (short circuit) is removed.

Note that the TPS24-10BD-20 has 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.

LAYOUT

TPS24-10BD-20R



A	Powder coated steel enclosure
B	10A High Efficiency Toroid Transformer
C	Tamper switches - Front & Rear
D	2 x 10 way polswitch protected Power Distribution Modules
E	MOV Anti-Surge network
F	240V IEC Mains Input Connector
G	Integrated Mains Fuse Holder - Fuse: (T) 2.5A/250V

Warranty Statement

Tactical Technologies Pty Limited guarantees this product against defective parts and workmanship for a period of twelve (12) months from the date of purchase. If any defect appears during the warranty period, please return the goods to Tactical Technologies Pty Limited freight paid. The goods will be repaired or replaced, then returned.

Tactical Technologies Pty Limited assumes no liability for consequential or indirect damage and accepts no responsibility for repairing damage to products caused by misuse, careless handling or where repairs have been made by others. In the interest of ongoing product development, Tactical Technologies Pty Limited reserves the right to modify, vary or alter the design of this product without written notice.

Specifications

	TPS24-10BD-20R
Input Voltage	240Vac / 50Hz
Input Current	1.2A
Input Fuse Rating	(T)2.5A/250V
Output Voltage	24Vac Nominal
Output Current	10A Max
Output Channels	20
Output per Channel	0.5A (500mA)
Weight	< 6 kg
Dimensions	310W x 240H x 60D mm
Safety Standards	AS/NZS 61558.2.6.2001
EMC Standards	C-Tick N645
Mounting	4 x 3mm mounting holes



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THINK ABOUT POWER !**

