

Installation Manual

RPS24 Series - 10 & 20Amp



Australian Models - 240Vac 50-60Hz

RPS24-10-D10-2RU
RPS24-10-D20-2RU
RPS24-10-D40-2RU
RPS24-20-D20-2RU
RPS24-20-D40-2RU



 N645

TMT
TACTICAL PTY LTD
TECHNOLOGIES

POWERING
YOUR VISION[®]



Designed & Manufactured

24V AC Rack Power Supply

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 covers

No user serviceable parts inside

Installation Requirements

These power supplies are designed for indoor use only.

The power supply should be mounted in a rack cabinet, located in a stable 25°C ambient environment.

To ensure adequate convective cooling, the rack cabinet should have side panels and doors fitted, with entry holes in the cabinet base and exhaust fans installed in the cabinet ceiling.

The power supply should be installed using the mounting points on the front face, with the case suspended, to allow air to flow freely around the case.

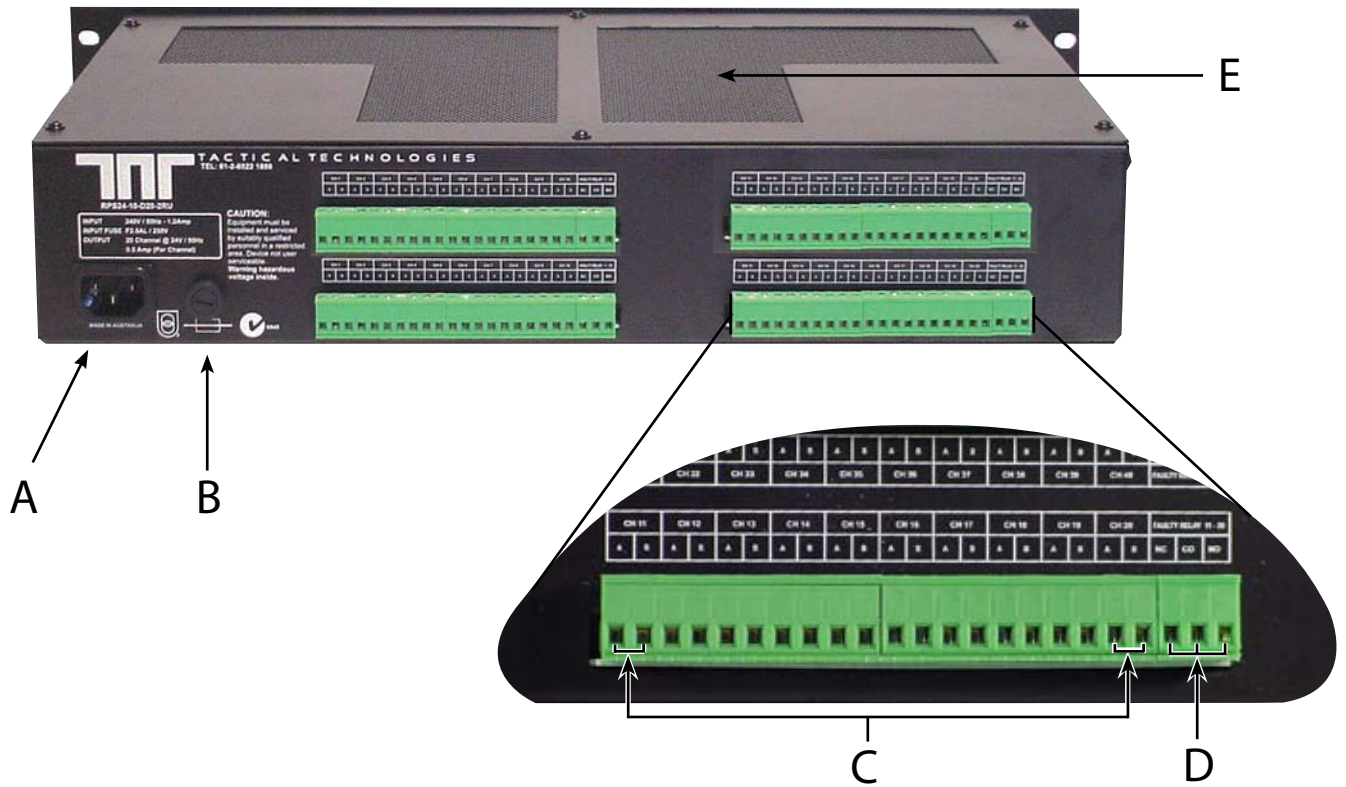
Avoid locations where moisture, high humidity or excessive heat variations are present.



1	Ensure that side covers & doors are fitted and closed to promote convective airflow
2	Provide feet or castors to raise cabinet & holes to allow cool air to enter
3	Fit vents and / or fans to promote cabinet exhaust airflow

LAYOUT

(RPS24-20-D40-2RU Model Shown)



A	IEC Power Socket (240Vac Input)
B	Primary Fuse F2.5A / 250V
C	Channel Outputs - 10 per group
D	Common Fault Relay Output - NO / Com / NC
E	Cabinet ventilation grill
F	M8 Mounting Hole
G	LED Circuit Status LED's - 10 per group Green = OK Red = Fault
H	Common Fault LED - 1 per group
I	Illuminated Power Switch



Troubleshooting

Before requesting assistance, confirm the following:

Check mains voltage at wall socket

Illuminated Power Switch on front panel switched on

Check & replace primary fuse (rear panel)

LED Circuit Status LED's are Green (if Red, remove cabling and rectify cable / connected equipment fault)

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

	RPS24-10-D10-2RU	RPS24-10-D20-2RU	RPS24-10-D40-2RU	RPS24-20-D20-2RU	RPS24-20-D40-2RU
Input Current	1.2A @ full load	1.2A @ full load	1.2A @ full load	2.4A @ full load	2.4A @ full load
Output Voltage	24 V ac				
Output Current	1A per channel	0.5A per channel	0.25A per channel	1A per channel	0.5A per channel
Channels	10	20	40	20	40
Common Fault Output	1 x SPDT relay & LED	2 x SPDT relay & LED	4 x SPDT relay & LED	2 x SPDT relay & LED	4 x SPDT relay & LED
AC Output Indication	Output Channel Status LED's Green = OK Red = Fault				
Weight	7Kg	7Kg	7Kg	10Kg	10Kg
Cabinet Dimensions	425W x 270D x 85H mm				
Face Dimensions	483W x 88H mm				
Input Voltage	240V ac / 50 - 60Hz				
Overload Protection	Constant current limiting, short circuit shutdown, auto recovery				
Thermal Protection	In-built				
Working Temperature	25° C				
Safety Standards	AS/NZS61558.1:2000 inc. Amdts 1-3 AS/NZS61558.2.6.2001				
EMC Standards	AS / NZS 4251.1:1999 (conducted)				
Mounting	19" rack mount flange - 4 x M8 mounting holes				



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