

TS1044 Power Distribution Board Installation Sheet

Description

The TS1044 Power Distribution Board provides five sets of additional terminals for RS-485 LAN and power.

The TS1044 is used to connect branches of a “star” LAN, where multiple LAN cable runs are used in a branched configuration.

The TS1044 is a standard Tecom B board size and provides a Power OK LED for easy diagnosis.

Product contents

Quantity	Item
1	TS1044 Power Distribution Board
12	Two-way plug-on sockets
4	Standoffs
4	M3 pan head screws
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Weight	80 g

Inspect the package and contents for visible damage. If any components are damaged or missing, do not use the unit; contact the supplier immediately. If you need to return the unit, you must ship it in the original box.

Installation

NOTICE! A qualified service person, complying with all applicable codes, should perform all required hardware installation.

To install the TS1044:

1. Mount the TS1044 PCB inside the enclosure using the supplied screws and standoffs.
2. Connect cables for RS-485 LAN input (D+ and D-) and 12 VDC power input (+12 and -).

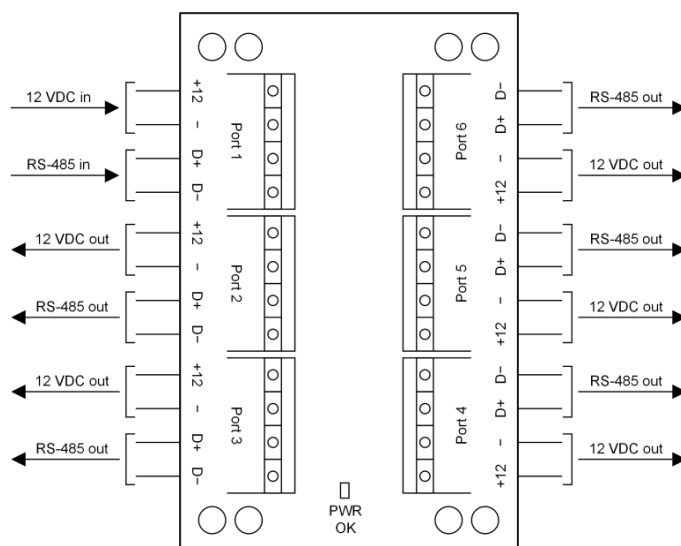
The power input may range from 9 to 14 VDC.

Any of the six ports may be used for input. For example, Figure 1 below shows Port 1 being used for input.

3. Connect cables for RS-485 LAN output (D+ and D-) and power output (+12 and -) to the remaining ports as required.

Note: The RS-485 LAN terminals (D+ and D-) may also be used for power. For example, power input at the RS-485 LAN terminals of Port 1 results in power output at the RS-485 LAN terminals of the remaining ports.

Figure 1: TS1044 wiring example



Regulatory information

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Compliance



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