

TDW-33

Basic Industrial Telephone Modem



- ❖ Data rates up to 56k (V.90 modem)
- ❖ Terminal data rates up to 115.2k
- ❖ For use with dial-up 2-wire telephone systems
- ❖ Extended temperature range operation
-13° to 185° F (-25° to 85° C)
- ❖ Watchdog timer for unmanned auto reset
- ❖ Secure call back and access
- ❖ Caller ID screening and answering
- ❖ DIP-switch or remote configuration capability
- ❖ Tri-Galvanic isolation (interface/line/supply)
- ❖ 11 bit protocol support
- ❖ 35mm DIN-rail housing
- ❖ FCC, UL and CE approved

Field of application

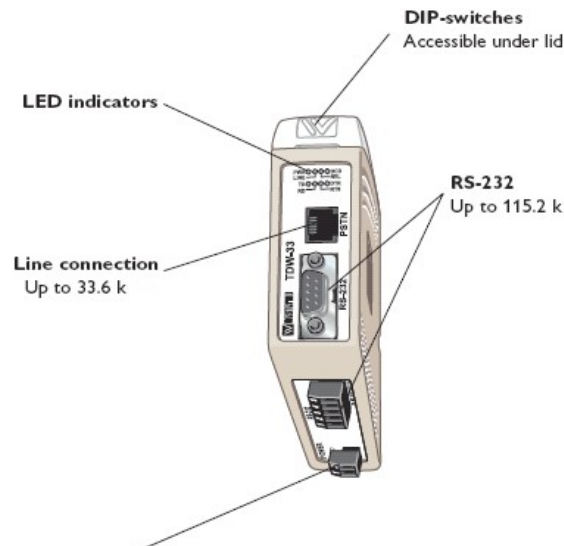
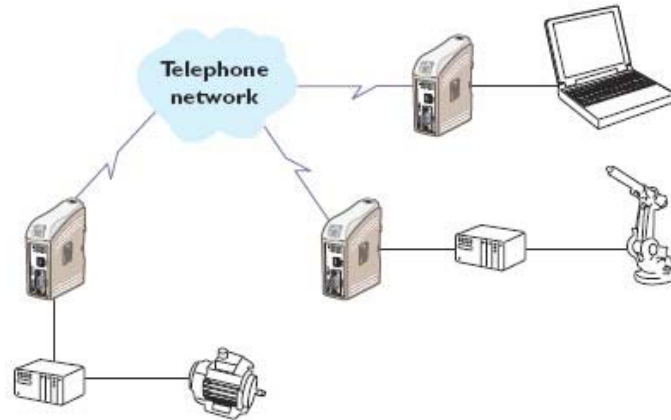
The Westermo TDW-33 is a basic industrial telephone modem designed to satisfy industry's demands for reliability and functionality, even in the most exposed and exacting tough environments with high levels of interference and large temperature swings. It is approved and supported for use in the North American (UL and FCC), South American and European Union (CE) markets, as well as in the other regions of the world with a single unit.

The TDW-33 is particularly well suited for use with PLCs, water/wastewater control systems, outdoor signs and power generation and transmission equipment as well as other applications. With galvanic isolation, transient protection, an extended temperature range, 10 to 30 VDC or 10 to 60 VDC power requirements and single action DIN rail mounting, it simplifies industrial installations, increases their flexibility, and supports incredible customer service possibilities. Most major brands of PLCs have been tested with the TDW-33 and PLC specific application notes are readily available.

A watchdog timer continually monitors the power supply as well as both the internal software and hardware components of the system. In the rare event of a problem, the modem automatically resets. This feature makes the TDW-33 ideal for use in unmanned remote locations.

Additional features in the TDW-33 include password protection, dial-back security and caller ID answering to ensure that only authorized users can communicate with the modem and any connected equipment.

Applications



Power

TDW-33

Operating voltage	10 to 30 VAC / 10 to 60 VDC
Rated current	150 mA @ 12 VDC
Polarity	48 – 62 Hz / DC
Connection	Detachable screw terminal
Connector size	AWG 24-12 (0.2-2.5 mm)

Mechanical

Dimension (W x H x D)	1.38 x 4.76 x 4.69 in (35 x 121 x 119 mm)
Weight	0.44lb (0.2 kg)
Mounting	35mm DIN-rail
Degree of protection	NEMA 1 (IP 21)

**Specifications are subject to change without notice due to continuous product development and improvement.*

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