TDW-33
Telephone modem, RS-232

⬚ Extended temperature range –25°C to +70°C
⬚ Data rate up to 56 kbit/s (V90)
⬚ Terminal rate up to 115.2 kbit/s
⬚ DTR and incoming data dialling
⬚ Watchdog
⬚ Secure call back and access
⬚ Industrial environment transient protection
   on all interfaces
⬚ Up to 11 data bits
⬚ Tri-Galvanic isolation (interface/line/supply)
⬚ Caller ID presentation and answering
⬚ Remote configuration

Field of application

The TDW-33 is designed to function reliably within industrial environments and in areas of high level interference. The modem has an RS-232 interface supporting terminal data rates up to 115-kbit/s. The TDW-33 is a V.90 modem meaning that it can support data rates of up to 56 kbit/s on the PSTN line side.
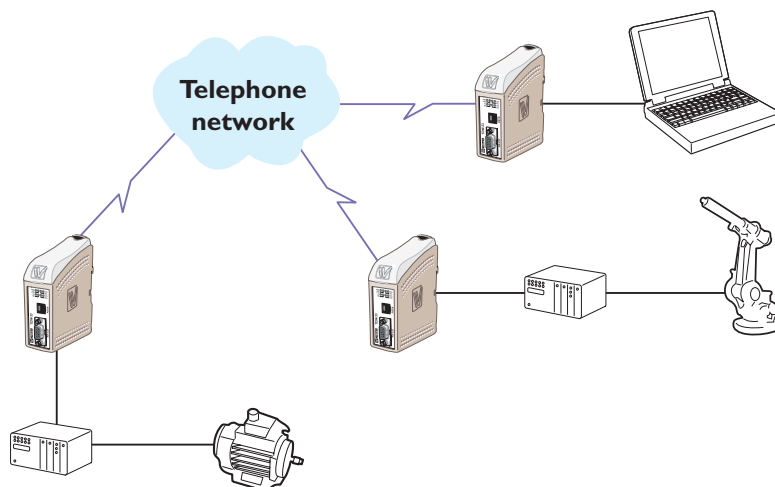
The modem is equipped with transient protection on the line side and a "watchdog" that monitors and automatically resets the modem in the event of a fault. These functions together with remote configuration make the modem perfect for installation at unmanned sites and prevent the need of costly service trips.

The modem also has password protection, dial-back security and caller ID answering to ensure that only authorised users can communicate with the modem and any connected equipment.
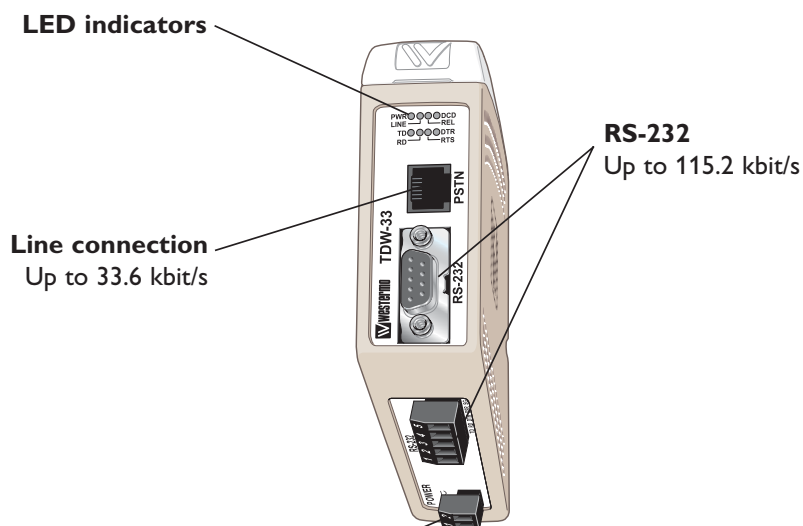
The TDW-33 is ideal for industrial applications as it mounts easily on to a 35 mm DIN-rail, runs from 12–48-VDC power supplies, has screw terminal connections and is tri galvanically isolated.

For ease of setup the modem is supported by the Westermo TD-tool configuration software. Drivers for Windows setup are also supplied.

Application

Interfaces

LED indicators

RS-232
Up to 115.2 kbit/s

Line connection
Up to 33.6 kbit/s

Power

	TDW-33
Operating voltage	10–30 VAC / 10–60 VDC
Rated current	150 mA @ 12 VDC
Rated frequency	48–62 HZ / DC
Connection	Detachable 2-pos. screw terminal