

TD-29

Multidrop modem



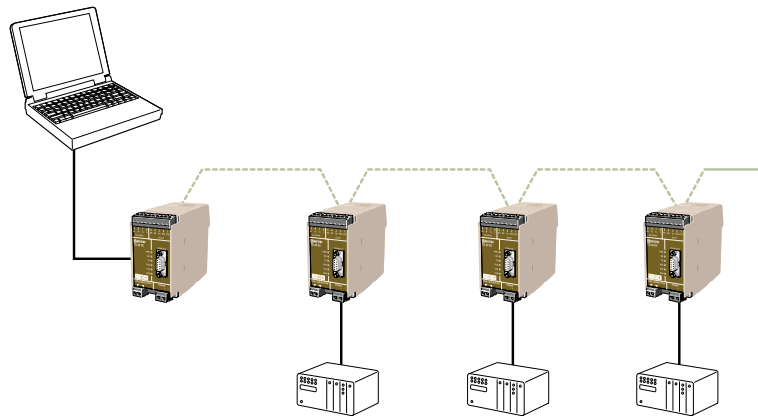
- ⌘ Data rate up to 19200 bit/s
- ⌘ Number of multidrop points, 10 (typical value at 9600 bit/s)
- ⌘ Transmission distance up to 10 km (6.2 miles)
- ⌘ Watchdog
- ⌘ Transient protection on the line side
- ⌘ AC-/DC-supply
- ⌘ Tri-Galvanic isolation (interface/line/supply)

Field of application

TD-29 is designed to satisfy industry's demands on reliability and functionality in environments with high levels of interference. TD-29 is intended for half duplex communications via a 2-wire dedicated line. Equipment with an RS-232 or RS-422/485 interface can be connected and communicate point-to-point or in a multidrop application. Data rates up to 19200 bit/s are possible over distances of up to 10 km (6.2 miles). The transmission distance and number of multidrop points are affected by the number of connected modems and line quality. A typical value is 10 units up to 10 km (6.2 miles) at a transfer rate of 9600 bit/s.

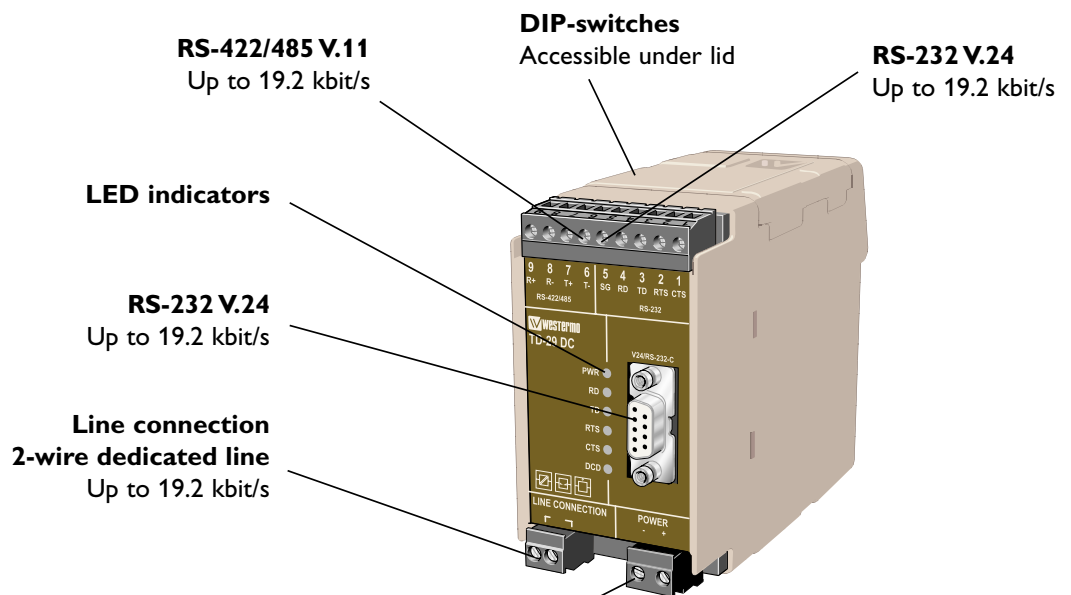
TD-29 is intended for use on dedicated lines and must not be connected to general or leased telecom lines. TD-29 is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

Application



See other TD-29 application on page 25

Interfaces



Power

	TD-29 230 AC	TD-29 115 AC	TD-29 DC	TD-29 36 – 55 DC
Operating voltage	207 – 264 VAC	103 – 132 VAC	12 – 36 VDC	36 – 55 VDC
Rated current	12 mA	24 mA	167 mA @ 12 VDC	60 mA @ 36 VDC
Rated frequency	48 – 62 Hz	48 – 62 Hz	DC	DC
Connection	Detachable 3-pos. screw terminal	Detachable 3-pos. screw terminal	Detachable 2-pos. screw terminal	Detachable 2-pos. screw terminal