



LD-02

Line sharing modem



- Multidrop applications
- RS-232 and RS-422/485
- Galvanic isolation
- Full termination and failsafe switch selectable
- Transient suppression
- Code independent/transparent
- Ensures communication over long distances and in environments with high levels of interference
- AC-/DC-supply
- Reliable performance and function

For Westermo W1 interface transmission characteristics see page 138

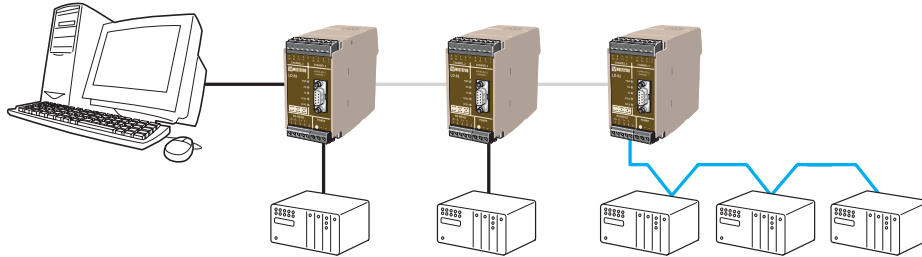
Field of application

The line sharer is used in multidrop applications where several devices need to communicate with a main computer/master. This can be, for example, to control or collect data from a number of substations. The Westermo transmission technology (W1) makes it possible to communicate with up to 18 km (11.81 mi) between modems. Equipment with an RS-232 or RS-422/485 interface can be connected and data rates up to 38.4 kbit/s are possible depending on the transmission range. The line sharer is fully transparent, which means connected devices must recognise their own address.

LD-02 is intended for mounting on a 1.4 in. DIN-rail, where the modem is attached and locked in a single action

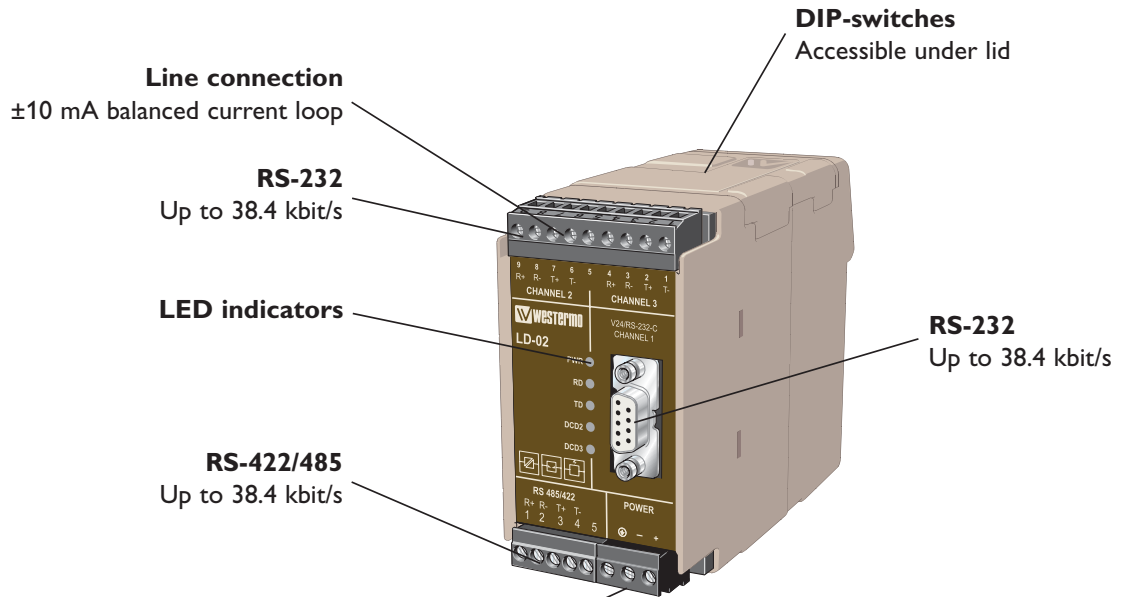


Application



Also see application on page 48

Interface



Power

	LD-02 AC	LD-02 115 AC	LD-02 DC	LD-02 36 – 55 DC
Operating voltage	207 – 264 VAC	103 – 132 VAC	12 – 36 VDC	36 – 55 VDC
Rated current	25 mA @ 230 VAC	50 mA @ 115 VAC	125 mA @ 24 VDC	83 mA @ 36 VDC
Rated frequency	48 – 62 Hz	48 – 62 Hz	DC	48 – 62 Hz
Connection	Detachable 3-pos. screw terminal	Detachable 3-pos. screw terminal	Detachable 2-pos. screw terminal	Detachable 2-pos. screw terminal