



LD-63B Manchester coded

And other bi-phase encoded protocols



- Designed for Manchester and other bi-phase encoded protocols, for example, Modbus+
- Galvanic isolation
- Full termination and failsafe switch selectable
- ST-connectors
- SC-connectors (820 nm), multimode
- Multimode or singlemode cable
- Transmission distance up to 25 km (15.53 mi)
- AC-/DC-supply
- Reliable performance and function
- Withstands environments exposed to high levels of interference

Field of application

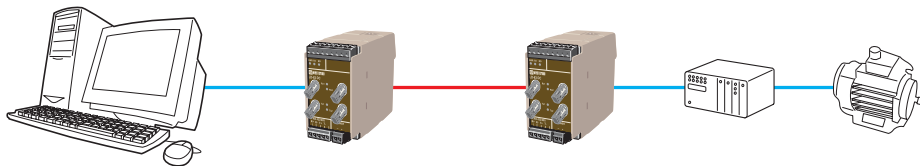
The product is designed for Manchester and other bi-phase encoded protocols with data rates exceeding 500 kbit/s. LD-63B is used for multidrop applications. A common example is Modbus+ which has a data rate of 1 Mbit/s.

The B-versions feature an RS-422/485 interface and supports data rates up to 4 Mbit/s. Transmission ranges of up to 25 km (15.53 mi) are possible using single-mode cable. As the fibre cable is completely insensitive to external interference, it is ideal for applications in exposed locations and in environments with high levels of interference.

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

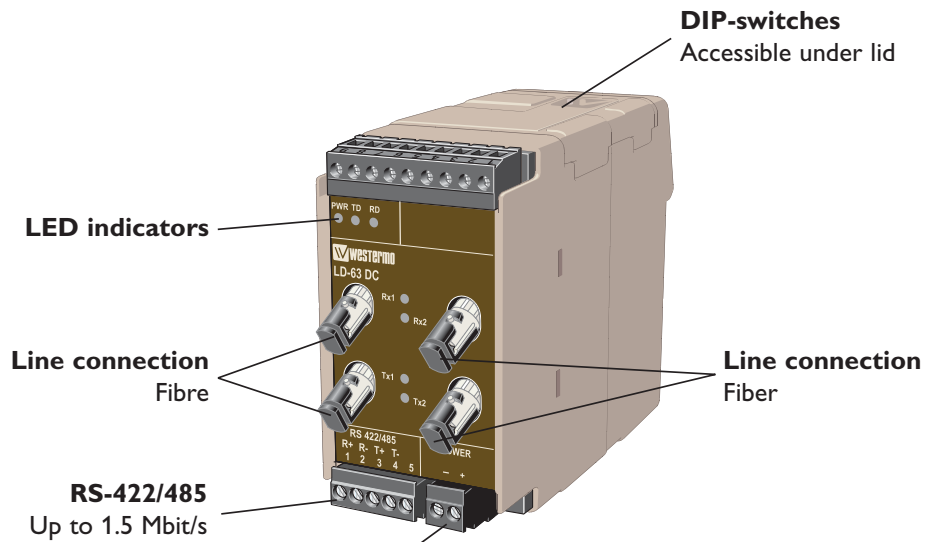


Application



Also see application on page 42

Interface



Power

	LD-63B AC	LD-63B 115 AC	LD-63B DC	LD-63B 36 – 55 DC	LD-63 HV
Operating voltage	207 – 264 VAC	103 – 132 VAC	12 – 36 VDC	36 – 55 VDC	99 – 264 VDC 85.5 – 264 VAC
Rated current	20 mA @ 230 VAC	40 mA @ 115 VAC	250 mA @ 12 VDC	85 mA @ 36 VDC	40 mA @ 95 VAC
Rated frequency	48 – 62 Hz	48 – 62 Hz	DC	DC	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	Detachable 3-pos. screw terminal