



LD-63

Fibre optic line sharer



- RS-232, RS-422/485
- Galvanic isolation
- Full termination and failsafe switch selectable
- ST-connectors
- SC-connectors (820 nm)
- Multimode or singlemode cable
- Code independent/transparent
- Retiming function for extended number of line sharers
- Transmission range up to 25 km (15.53 mi)
- AC-/DC-supply
- Reliable performance and function
- Withstands environments exposed to high levels of interference

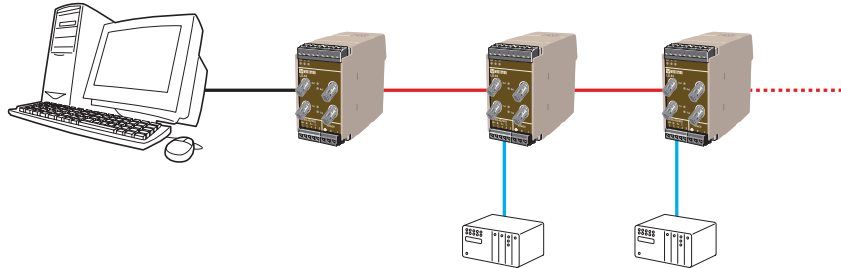
Field of application

LD-63 is used to build a multidrop network over fibre where connected equipment has either an RS-232 or RS-422/485 interface. As the fibre is completely insensitive to external interference it is the perfect solution for applications in environments exposed to high levels of interference. LD-63 supports data rates up to 1.5 Mbit/s and ranges up to 25 km (15.53 mi) with singlemode cable. LD-63 can be used together with, e.g. MD-62 or MD-63 at the beginning or end of a multidrop circuit, to make the solution more cost effective.

LD-63 is intended for mounting on a 1.4 in. DIN-rail, where the modem is attached and locked in a single action.

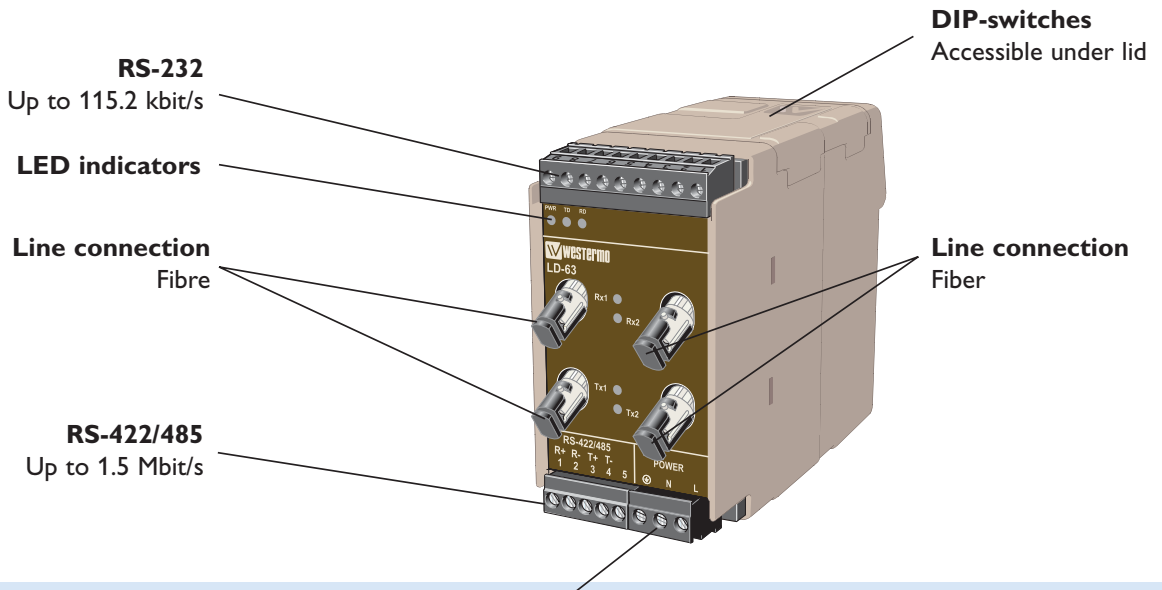


Application



Also see application on page 50

Interface



Power

	LD-63 AC	LD-63 115 AC	LD-63 DC	LD-63 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