

LD-63D

Fibre optic line sharer



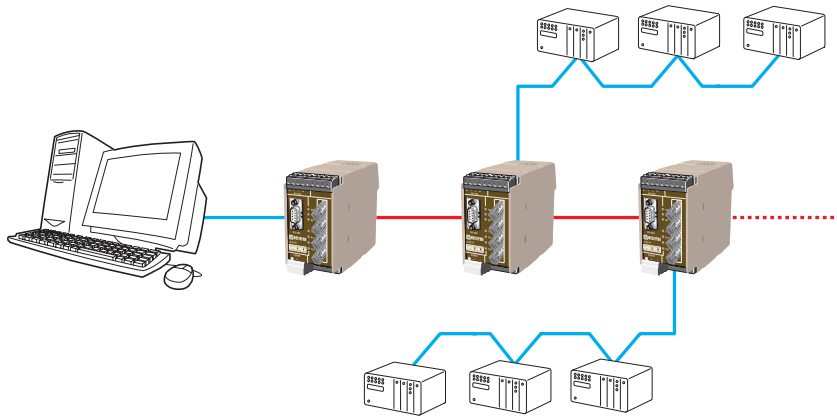
- ❑ RS-485 connection to a screw terminal or D-sub
- ❑ Galvanic isolation
- ❑ Full termination and failsafe switch selectable
- ❑ ST-connectors
- ❑ Multimode or singlemode cable
- ❑ Code independent/transparent
- ❑ Retiming function for extended number of line sharers
- ❑ Transmission range up to 25 km (15.53 mi)
- ❑ AC-/DC-supply
- ❑ Reliable performance and function
- ❑ Withstands environments exposed to high levels of interference

Field of application

LD-63D is a line sharer that permits conversion between RS-485 and fibre. The device has a 9-pos. D-sub or screw terminal for connection to RS-485. As the fibre is completely insensitive to external interference it is the perfect solution for applications in exposed locations and environments with high levels of interference. LD-63D supports data rates up to 1.5 Mbit/s and ranges up to 25 km (15.53 mi) using singlemode cable. LD-63D can be used together with, e.g. MD-62 or MD-63 at the beginning or end of a multidrop circuit, to make it more cost effective.

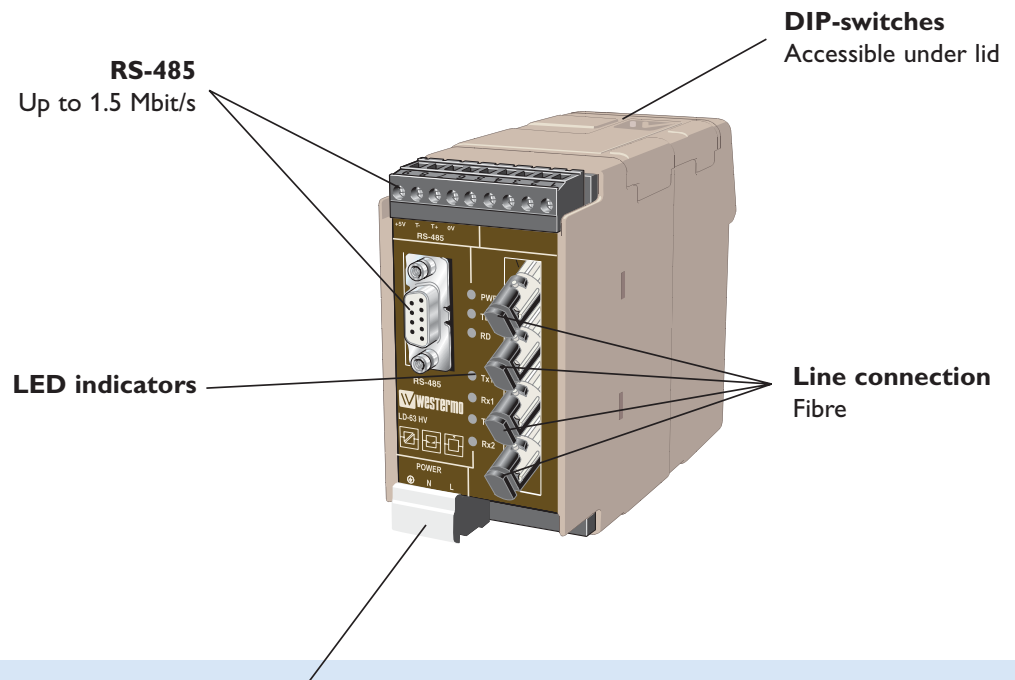
LD-63D is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

Application



Also see application on page 50

Interface



Power

	LD-63D HV	LD-63D LV
Operating voltage	99 – 264 VDC 85.5 – 264 VAC	10.8 – 60.5 VDC 10.8 – 49.5 VAC
Rated current	30 mA @ 95 VAC	250 mA @ 12 VDC
Rated frequency	DC / 48 – 62 Hz	DC / 48 – 62 Hz
Connection	Detachable 3-pos. screw terminal	Detachable 2-pos. screw terminal