

LD-64D

Redundant ring



- ❑ Redundant ring, reconfigured in 4 ms in the event of cable failure
- ❑ RS-485
- ❑ Galvanic isolation
- ❑ Full termination and failsafe switch selectable
- ❑ Alarm outputs
- ❑ ST-connectors
- ❑ Multimode or singlemode cable
- ❑ Code independent/transparent
- ❑ Retiming function for extended number of devices
- ❑ Transmission range up to 25 km (15.53 mi)
- ❑ AC-/DC-supply
- ❑ Reliable performance and function
- ❑ Withstands environments exposed to high levels of interference

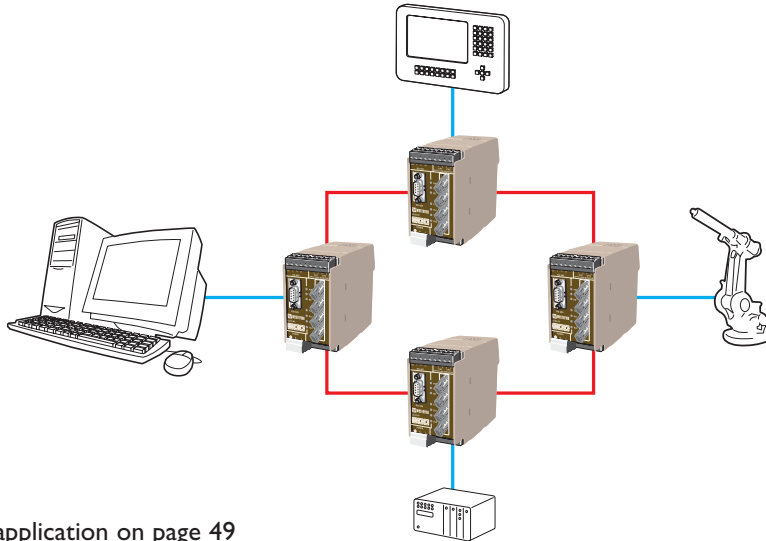
Field of application

LD-64D permits fibre optic redundant communication between devices with an RS-485 interface. The unit has a 9-pos. standard D-sub for connection to RS-485. It is also possible to connect RS-485 to a screw terminal (5-pos.). Transmission ranges up to 25 km (15.53 mi) are possible using singlemode cable at data rates up to 375 kbit/s.

LD-64D devices are connected in a ring network where one device is configured as the master using switch settings. Redundant communication is possible as each device has two fibre channels with a separate transmitter and receiver. If a communication interruption occurs on one fibre circuit, communication is automatically reconnected to the other fibre circuit.

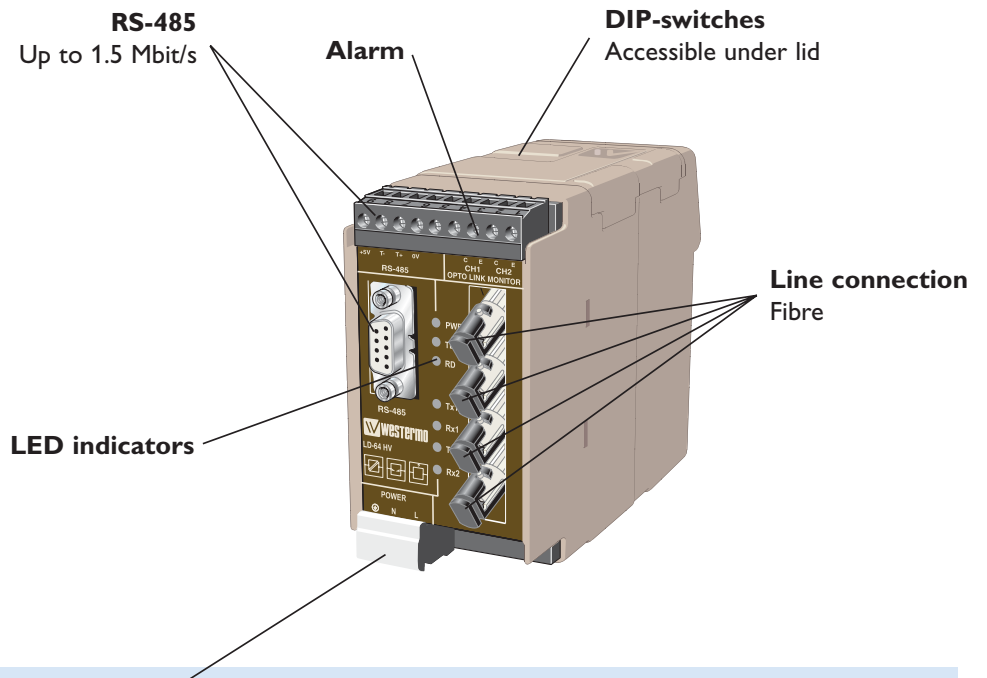
LD-64D is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

Application



Also see application on page 49

Interface



Power

	LD-64D HV	LD-64D 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