

LD-64/LD-64F

Redundant ring



- ❑ Redundant ring, reconfigured in 4 ms in the event of cable failure
- ❑ RS-232, RS-422/485
- ❑ 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

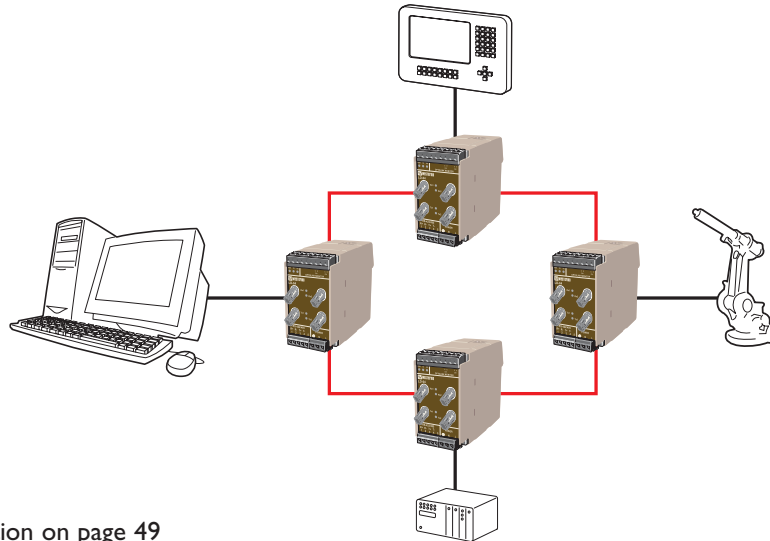
Field of application

LD-64/LD-64F is used to build a redundant ring 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 exposed locations and environments with high levels of interference, or when there is a requirement for fault tolerant communication. LD-64/LD-64F provides a high level of data security as fibre or fibre pair failure does not affect the communication.

There are also digital alarm outputs that can be connected to a relay to control an external alarm indicator. LD-64 supports data rates up to 375 kbit/s and LD-64F supports data rates from 500 kbit/s up to 1.5 Mbit/s. Both devices can handle transmission ranges up to 25 km (15.53 mi) using singlemode cable.

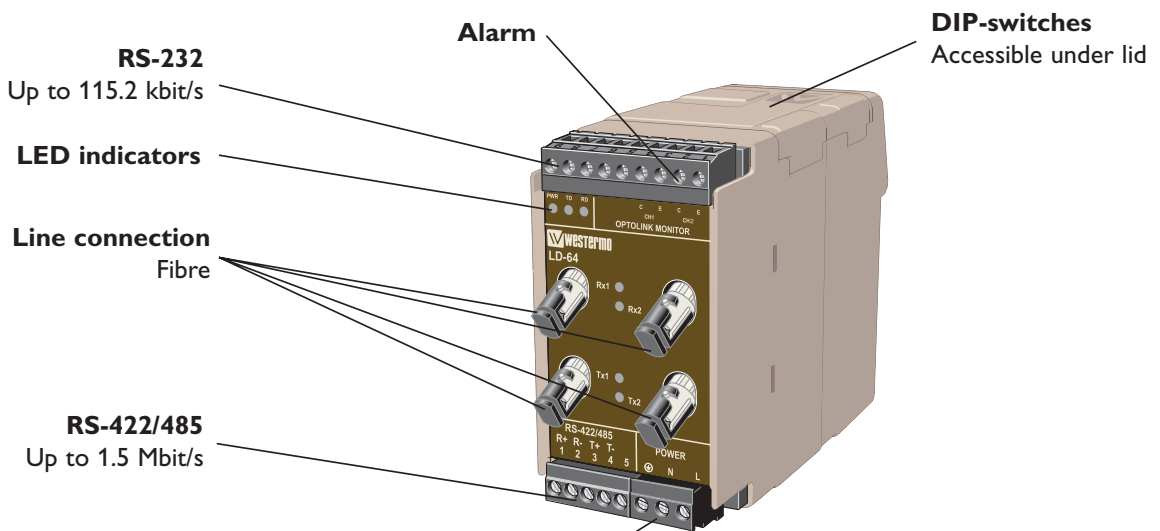
LD-64/LD-64F is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

Application



Also see application on page 49

Interface



Power

	LD-64 AC	LD-64 115 AC	LD-64 DC	LD-64 36 – 55 DC	LD-64 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	- / 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