

MD-54

Protocol converters



- RS-232, RS-422/485
- Parameter/data rate converter
- Control signal generator/converter
- Galvanic isolation
- Full termination and failsafe switch selectable
- Transient suppression
- Can be customised
- Configuration via a terminal
- Safeguards communication over short distances in environments with high levels of interference
- AC-/DC-supply
- Reliable performance and function

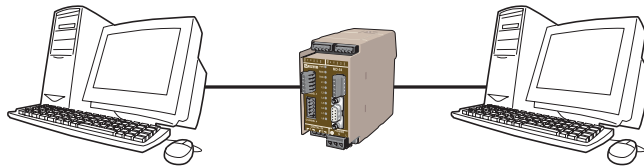
Field of application

MD-54 can solve different communication problems between two asynchronous devices. MD-54 has two standard functions. It can either convert, for example, the data rate or generate hardware handshaking from software (Xon/Xoff to RTS/CTS). Devices with RS-232 or RS-422/485 interfaces can be connected. MD-54 has two RS-232 ports and one RS-422/485 port. However, it is only possible to use two simultaneously.

MD-54 supports data rates up to 115.2 kbit/s on RS-232 and 460.8 kbit/s on RS-422/485. MD-54 can also act as a hardware platform for the development of customer specific applications.

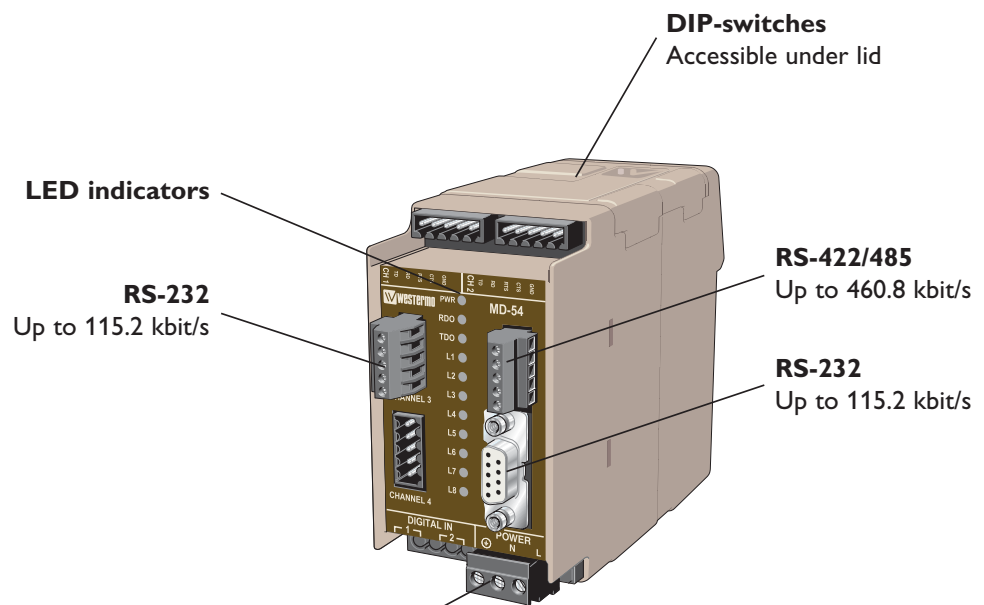
MD-54 is intended for mounting on a 35 mm DIN-rail, where the device is attached and locked in a single action.

Application



Also see application on page 51

Interface



Power

	MD-54 AC	MD-54 DC
Operating voltage	207 – 264 VAC	12 – 36 VDC
Rated current	30 mA @ 230 VAC	65 mA @ 24 VDC
Rated frequency	48 – 62 Hz	DC
Connection	3-pos. detachable screw terminal	2-pos. detachable screw terminal