

MD-52

RS-232 Isolator



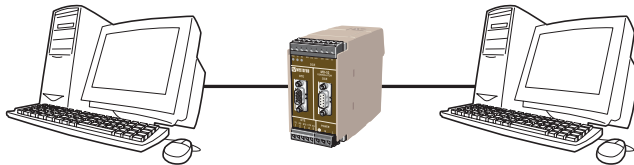
- Galvanic isolator between two RS-232 devices
- Code independent/transparent
- Connection via 9-pos. D-sub or screw terminal
- Safeguards communication over short distances in environments with high levels of interference
- AC-/DC-supply
- Reliable performance and function

Field of application

MD-52 is used when you need galvanic isolation between two adjacent devices, for example a computer and printer, with asynchronous RS-232 interfaces. MD-52 solves problems such as differences in ground potentials, transients or other external sources of interference that can cause unexplainable faults that can result in expensive fault finding. MD-52 isolates 4 signals in each direction and supports data rates up to 115.2 kbit/s.

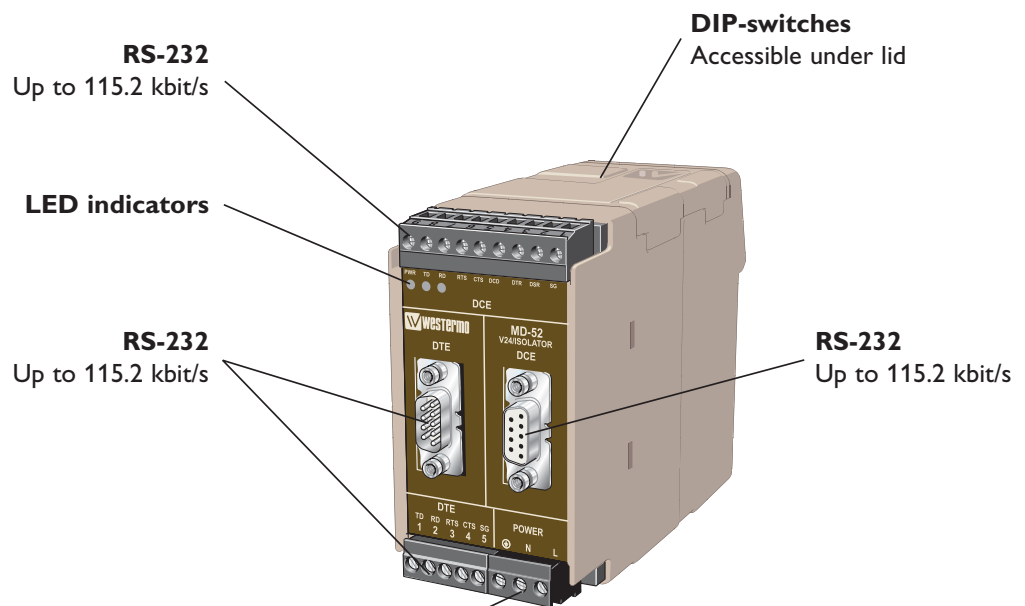
The isolator is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

Application



Also see application on page 60

Interface



Power

	MD-52 AC	MD-52 115 AC	MD-52 DC DC	MD-52 36 – 55 DC
Operating voltage	207 – 264 VAC	103 – 132 VAC	12 – 36 VDC	36 – 55 VDC
Rated current	23 mA @ 230 VAC	46 mA @ 115 VAC	130 mA @ 12 VDC	50 mA @ >36 VDC
Rated frequency	48 – 62 Hz	48 – 62 Hz	DC	DC
Connection	3-pos. detachable screw terminal	3-pos. detachable screw terminal	2-pos. detachable screw terminal	2-pos. detachable screw terminal