

MD-12

Short-haul modem, point-to-point



- Communication up to 18 km
- Galvanic isolation
- Transient suppression
- Code independent/transparent
- Transfer status signals
- Ensures communication over long distances and in environments with high levels of interference
- AC-/DC-supply
- Reliable performance and function

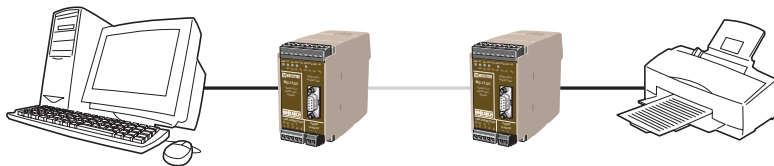
For Westermo W1 interface transmission characteristics see page 138

Field of application

Short-haul modems are used in point-to-point applications when the distance exceeds 15 metres (50 ft). The Westermo transmission technology (W1) makes it possible to communicate up to 18 km (11.18 mi) between modems. Equipment with an RS-232 interface can be connected and data rates up to 38.4 kbit/s are possible depending on the transmission range. All modems that have a W1 interface are compatible with each other.

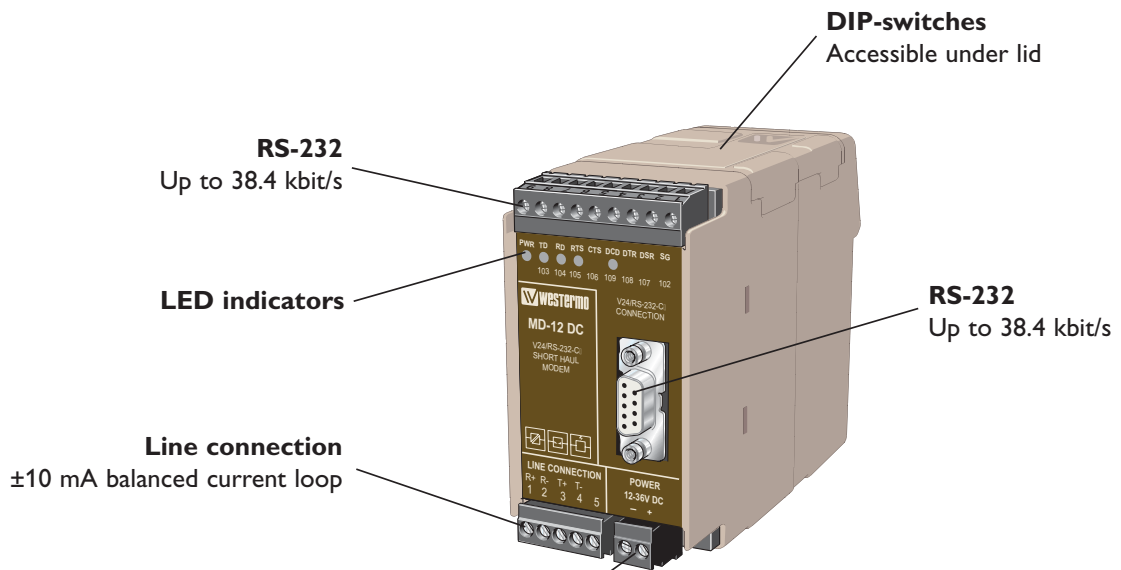
MD-12 is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

Application



Also see application on page 46

Interface



Power

	MD-12 AC	MD-12 115 AC	MD-12 DC	MD-12 36-55 DC
Operating voltage	207 – 264 VAC	103 – 132 VAC	12 – 36 VDC	36 – 55 VDC
Rated current	12 mA @ 230 VAC	24 mA @ 115 VAC	170 mA @ 12 VDC	60 mA @ 36 VDC
Rated frequency	48 – 62 Hz	48 – 62 Hz	DC	DC
Connection	Detachable 3-pos. screw terminal	Detachable 3-pos. screw terminal	Detachable 2-pos. screw terminal	Detachable 2-pos. screw terminal