

MX-16

Multiplexer



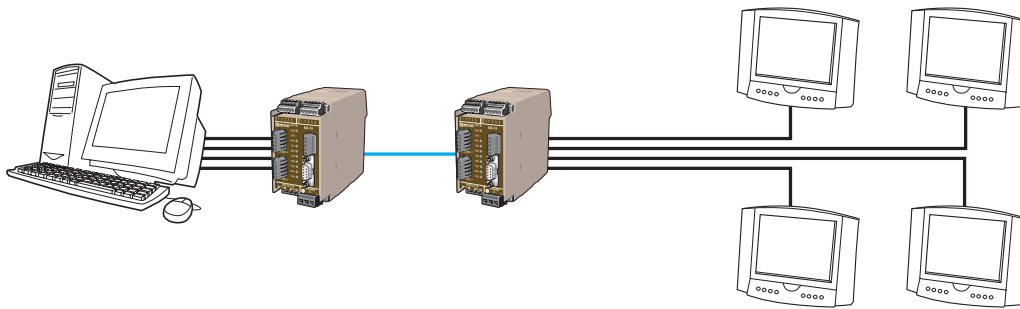
- ⌘ Expandable up to 16 RS-232 ports
- ⌘ Saves cable and cable routing
- ⌘ Galvanic isolation
- ⌘ Common channel: RS-232 or RS-422
- ⌘ Transient suppression
- ⌘ Code independent/transparent
- ⌘ Configuration via a terminal
- ⌘ Withstands environments exposed to high levels of interference
- ⌘ Reliable performance and function

Field of application

MX-16 is a multiplexer that by design can save installation and cable costs. Up to 4 asynchronous RS-232 ports can communicate via a 4-wire cable (RS-422) at data rates up to 115.2 kbit/s. The transmission range is between 600 (2000 ft) to 1200 metres (4000 ft) depending on the data rate on the common channel. It is also possible to daisy-chain several devices to increase the number of ports. The maximum rate on the common channel is however 204.8 kbit/s which is shared by the connected devices. Communication parameters can be set individually for each channel and are made via a terminal.

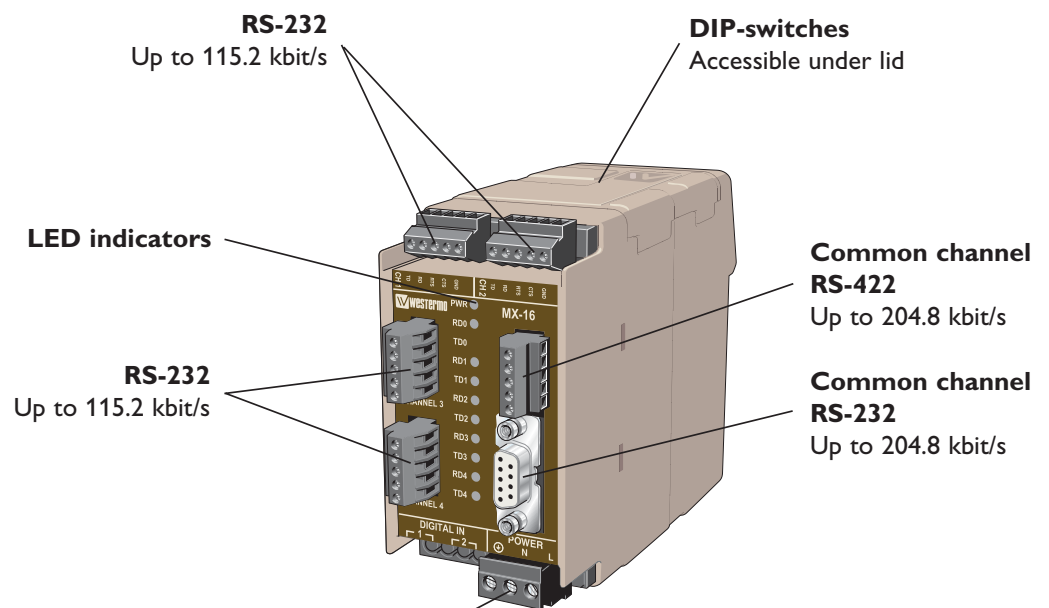
MX-16 is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

Application



Also see application on page 54

Interface



Power

	MX-16 AC	MX-16 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	Detachable 3-pos. screw terminal	Detachable 2-pos. screw terminal