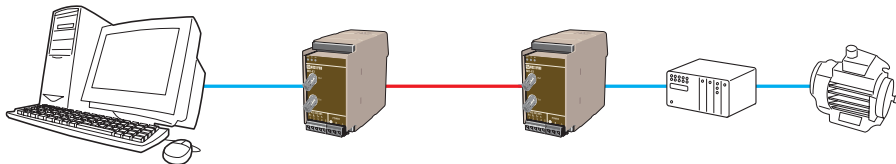# MD-63
## RS-422/485 point-to-point



⊞ RS-422/485

⊞ Galvanic isolation

⊞ Full termination and failsafe switch selectable

⊞ ST-connectors

⊞ Multimode or singlemode cable

⊞ Code independent/transparent

⊞ Transmission distance 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**

MD-63 is used for point-to-point applications between equipment with an RS-422/485 interface. As the fibre cable is completely insensitive to external interference, it is ideal for applications in exposed locations and in environments with high levels of interference. MD-63 supports data rates up to 1.5 Mbit/s and ranges up to 25 km (15.53 mi) with singlemode cable. MD-63 can also be used with a MD-62 unit, to provide conversion from RS-422/485 to RS-232 over the fibre.
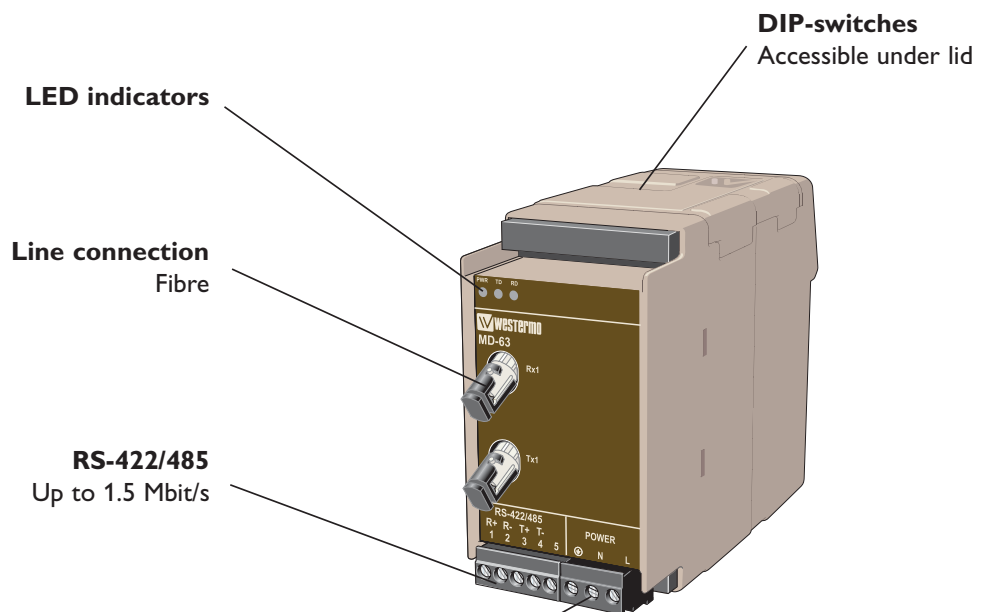
MD-63 is intended for mounting on a 35 mm DIN-rail, where the modem is attached and locked in a single action.

## Application

## Interface

**DIP-switches**
Accessible under lid

**LED indicators**

**Line connection**
Fibre

**RS-422/485**
Up to 1.5 Mbit/s



## Power

|  | **MD-63 AC** | **MD-63 115 AC** | **MD-63 DC** | **MD-63 36 – 55 DC** |
|---|---|---|---|---|
| Operating voltage | 207-264 VAC | 103-132 VAC | 12-36 VDC | 36-55 VDC |
| Rated current | 20 mA @ 230 VAC | 40 mA @ 115 VAC | 250 mA @ 12 VDC | 85 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 |