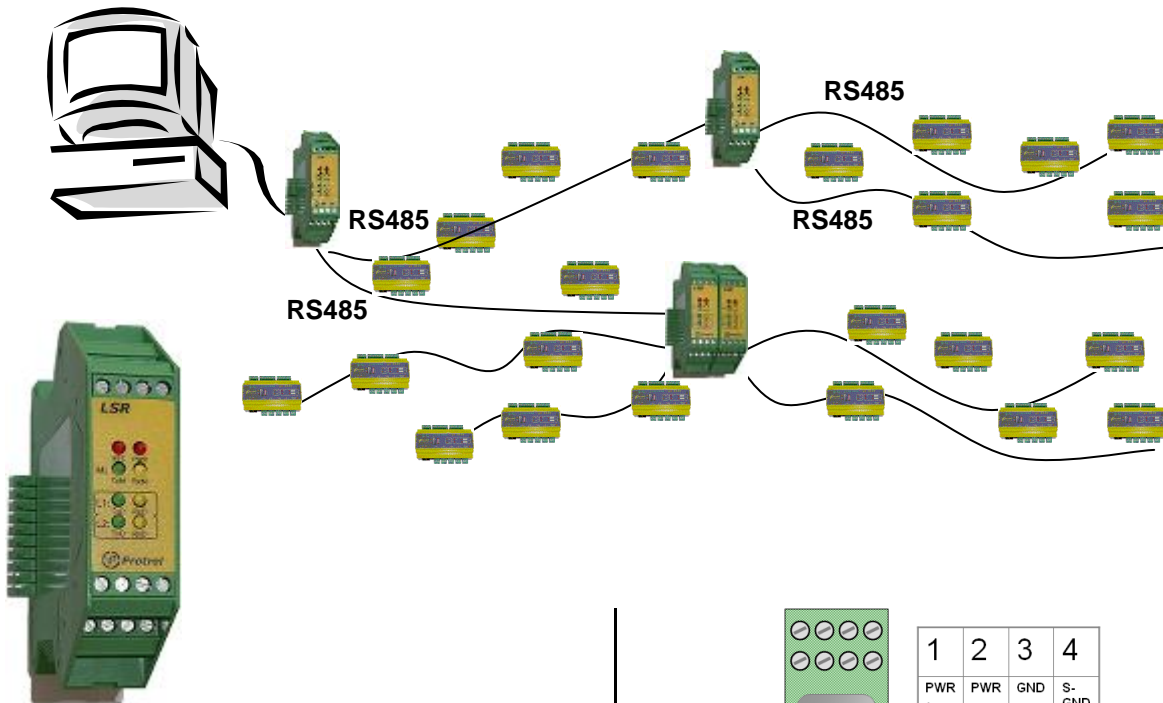


LSR

Line Splitter Repeater



Introduction

The LSR is a combined modem, Line Splitter and Repeater for slave side RS485. The LSR makes it possible to build proprietary networks without limitations with respect “load” and length. Each LSR device has 4 separate power supplies which guaranties the galvanic separation between each line and the internal logic. Up streams the LSR can be configured for either RS232 or RS485. All RS485 communication ports can be configured for 2-wire or 4-wire pilot lines.

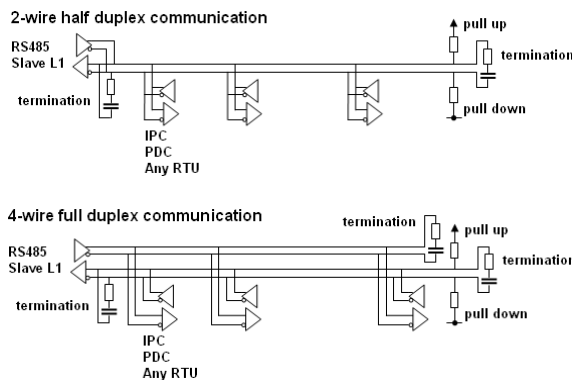


Fig.1 2- or 4-wire communication

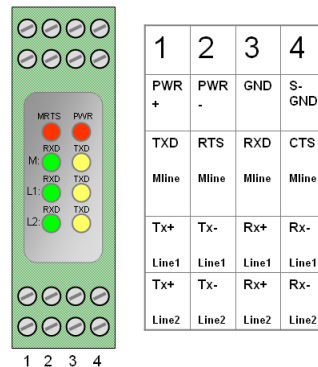


Fig. 2 Terminal designation

Technical data for LSR

General data

Physical size: 99 x 115 x 22.5 mm.
 Mounting: DIN-rail.
 Operating temperature: -20 - +60 °C.
 Power supply: 12-55 VDC.
 Tot. power consumption: ≈ 50 mA at 24 VDC.

Communication interfaces:

- 2, RS485 slave com. ports.
- 1, RS232 or RS485 master com. port.
- Communication speed 300-19200 bps. The speed is auto configured.