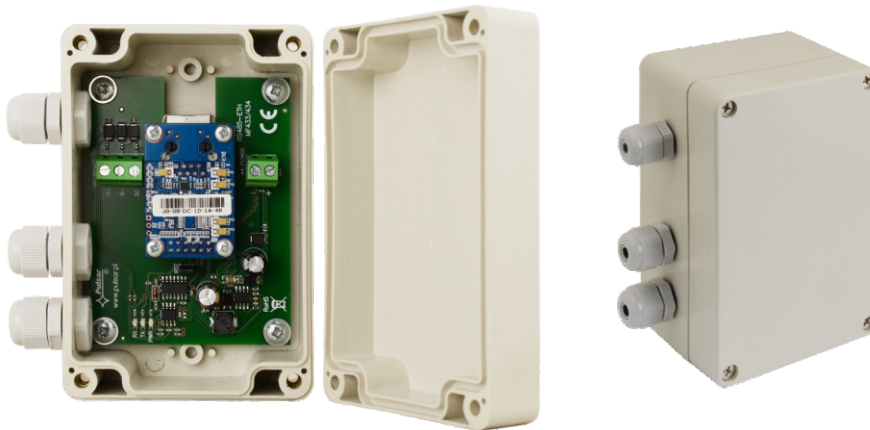


CODE: **INTRE** v.1.1/VI
 TYPE: **Interface RS485-ETHERNET**

EN*



PSU features:

- Operation in the ETHERNET network via the RJ45 connector
- Permission of the Scientific and Research Centre for Fire Protection - National Research Institute for use with power supplies of the EN54 series in fire alarm systems
- compliant with the IEEE 802.3 standard
- transmission speed 10/100Mbps
- full duplex or half-duplex mode (auto-negotiation)
- assigning a static or dynamic IP address (DHCP server)
- galvanic isolation between the Ethernet interface and the RS485 bus
- configured with the PowerConfig program
- 10 ÷ 30 V DC power supply
- Cooperation with PowerSecurity software
- optical indication
- hermetic enclosure IP65
- warranty - 5 years from the production date

DESCRIPTION

The RS485-ETHERNET network interface is a device used to convert signals between the RS485 bus and the Ethernet network and is designed to operate with power supplies of the PSBEN or EN54 series in the LAN/WAN network. For proper operation, the unit requires an external power supply in the range of 10÷30 V DC e.g. drawn from a PSU of the PSBEN or EN54 series. The physical connection of the interface takes place under galvanic isolation. The unit is mounted in a hermetic enclosure protecting against adverse environmental conditions.

Power supply	10 ÷ 30 V DC
Current consumption	max 0,95 W
TTL transmission's speed	max. 115200 bauds, parity check
LAN transmission's speed	10/100Mbps (auto-sensing)
Indication (LED lights)	Tx, Rx, PWR
Operating conditions	temperature -10 °C ÷ 40 °C relative humidity 20%...90% no condensation
Dimensions (LxWxH)	121 x 81 x 60 [mm]
Net/gross weight	0,22kg / 0,26kg
Protection grade	IP65
Storage temperature	-20°C...+60°C
Declarations, warranty	CE, RoHS, 5 years from the production date
Others	Permission of the Scientific and Research Centre for Fire Protection - National Research Institute for use with power supplies of the EN54 series in fire alarm systems.

Schematic diagram of Ethernet network communication

