CODE: **INTR** v.1.0/III
TYPE: **I**nterface RS485-TTL

EN∗

CE

Features:

- power through the "SERIAL" outlet
- connection of the PSU of PSBEN or EN54 series with the RS485 bus
- easy connection
- galvanic isolation
- communication system: half-duplex
- compliant with the PowerSecurity programming software
- LED indication
- warranty – 5 years from the date of production

DESCRIPTION

The RS485-TTL "INTR" interface enables connecting of the PSU of the PSBEN and EN54 series to the RS485 bus remaining galvanic isolation. The communication in the RS485 bus is due to a two-way channel, differential in a half-duplex system where transmitting and receiving data is alternate.

SPECIFICATIONS	
Power supply	5V
Current consumption	Max. 30mA
Transmission's speed	Max. 115200 bauds, with parity check
Galvanic isolation between the RS485 and the TTL interfaces	1KV(DC), 700V(AC)
LED indication	PWR – power's voltage indication (red LED) TX – data transmission (yellow LED) RX – receiving data (green LED)
Operating conditions	Temperature -10 ^{o}C ÷ 40 ^{o}C Relative humidity 20%...90%
Dimensions (LxWxH)	63 x 50 x 20 [mm]
Net/gross weight	0,03kg / 009kg
Storage temperature	-20ºC...+60ºC
Declarations, warranty	CE, RoHS, 5 years from the production date

Pulsar®

A block diagram of power supplies connected
to the RS485 bus.

PSBEN+RS485

PSBEN+RS485

EN54+RS485

EN54+RS485

Interfejs USB-RS485
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