

CODE: **INTE** v.1.0
 TYPE: **ETHERNET interface**

EN



Features:

- operating in the ETHERNET network through an RJ45 connector
- compliant with the IEEE 802.3 standard
- physical layer 10/100BaseT
- transmission speed 10/100Mbps (auto-sensing)
- operation mode: full or half-duplex (auto-sensing)
- embedded web server for configuration
- data encryption: DES, 3DES, AES
- assigning a static or dynamic IP address (DHCP server)
- galvanic isolation between the ETHERNET interface and the PSU
- power supply via the 'SERIAL' outlet
- works with the PowerSecurity programming software
- LED indication
- warranty - 5 years from the date of production

DESCRIPTION

The ETHERNET interface is a device intended for connecting the power supplies of the PSBEN (Black Power) series with a PC in the Ethernet network. The PowerSecurity system enables a remote monitoring of the parameters through a cyclical preview of the current status of the PSU, reading of the event history, preview of current and voltage charts and a remote battery test.

Power supply	5V from the serial outlet of the PSU
Current consumption	180mA max.
TTL transmission's speed	19200 bauds, with parity check
LAN transmission's speed	10/100Mbps (auto-sensing)
Indication (LEDs)	Tx, Rx, PWR
Operating conditions	Temperature -10 °C ÷ 40 °C Relative humidity 20%...90%
Dimensions (LxWxH)	63 x 50.2 x 24 [mm]
Net/gross weight	0,04kg / 0,09kg
Storage temperature	-20°C...+60°C

A block diagram of communication in Ethernet network.

