

NEW

Smart metering expansion card

- **Serial port** (5-pins), 2kV galvanically isolated, can be configured for RS232 (Rx/Tx/RTS/CTS/GND) – 500Kbaud max or RS422 or RS485 (full or half duplex A/B/GND). switch for RS485 termination available in the UI.
 - Front expansion card

- **Mbus port** (6-pins)
 - Mbus Master : up to 250 unit loads with 30V power supply, 64 unit loads with 24V power supply or Mbus Slave
 - Power supply + GND pin for Mbus master (also powering CG)

- **IO port** (18-pins connector) for wired interfaces
 - I2C interface 3.3V for environmental sensors used in electricity cabinet (temp, humidity) (4 pins)
 - 5 multi-purpose IO's to monitor alarms in electricity cabinet or drive relays (11 pins)
 - Digital input (0 - 30V) (including dry-contact pulse counter)
 - Analog input (0 - 10V)
 - Current Loop input (4 – 20mA)
 - S0 pulse-counter input
 - Digital output (0 – 3.3V)
 - Open Drain output (< 250mA, 0 – 30V)
 - P1 interface(for electricity meters in BE/NL) (3 pins)

- **USB 2.0 port**

