

- It measures Kwh, Wvarh, KW, Kvar, KVA, PF, Hz, dmd, V, A, etc.
- Assembly on a 35 mm DIN bus,
- Two-way measurement of IMP and EXP
- High-class measurement accuracy >1 – in accordance with previous regulations, B – in accordance with MID,



**Green Control 1** - energy meters are used for single-phase measurements, for domestic, utility or industrial use.

### Application:

Green Control 1 energy meters are used for single-phase measurements, for domestic, utility or industrial use. The meter may be equipped with one of three types of communication ensuring the opportunity of remote reading, monitoring and configuration of energy consumption. In addition, two-way measurement of energy causes that this meter may be used in PV links installations – it calculates the produced electricity in the installation and collected from the grid.

### General characteristics:

- Voltage: AC 230V,
- Voltage Range: 176 ~ 276V,
- Base Current (Ib): 10A,
- Max. Current (Imax): 80A,
- Min. Current (Imin): 0.5A,
- Starting Current: 0.4% of Ib,
- Power consumption: <2W/10VA,
- Frequency: 50/60Hz (±10%),
- Display: LCD screen,
- Max. rate of reading: 99999.99 kWh.

### Accuracy:

- Voltage: ±0.5%,
- Current: ±0.5%,
- Frequency: ±0.2%,
- Power factor: ±1%,
- Active power: ±1%,
- Reactive power: ±1%,
- Apparent power: ±1%.

### Environment:

- Operating temperature: -25°C to +55°C centigrade,
- Storage and transportation temperature: -40°C to +70°C centigrade,
- Reference temperature: 23°C , ±2°C,
- Relative humidity: 0 to 95%, non-condensing,
- Altitude: up to 2500 meters,
- Warm-up time: 10 seconds,
- Mechanical environment: CAT III,
- Electromagnetic environment: E2,
- Degree of pollution: 2.

### Communication type:

- Green Control 1 – autonomous meter,
- Green Control 1/A – meter equipped with a GSM communication module,
- Green Control 1/B – meter with a radio communication module of 430 MHz (150 meters indoor range).