

General description

The Bes device ref. GW650300 is an electric meter with 3 channels. These 3 channels allow knowing the electrical consumption of the circuits associated with them. These circuits are connected through current transformers (like Bes references GW650040 or GW650060, of 40A and 60A respectively) to the terminals blocks intended for that purpose.

It also has up to 8 arithmetic and logic units (UAL), as well as up to 8 timers/counters that allow programming complex logic operations, timings, counters, etc. Using internal or external variables.

Characteristics

- 3 independent measurement channels.
- Measures of instant current and instant power
- Measure of total energy
- Calculation of the expenditure in monetary units according to the tariff
- Alarms and energy rationalizer to assure greater energy savings in each channel
- Up to one week accumulated consumption
- Intuitive logical arithmetic unit (ALU) with timers, counters and the possibility of implementing complex arithmetic logic operations.

Technical information

Supply	29Vdc from KNX BUS
Consumption	10 mA from KNX BUS (equivalent to 2 Bus devices)
Mounting	DIN Rail (2 modules)
Connections	KNX connecting terminal bus Screw terminal block for current transformers
Environment temperature range	Operation: from -10°C to 55°C Storage: from -30°C to 60°C Transportation: from -30°C to 60°C
Regulation	According to the directives of electromagnetic compatibility and low voltage. EN 50090-2-2 / UNE-EN 61000-6-3:2007 / UNE-EN 61000-6-1:2007 / UNE-EN 61010-1

Installation



Observations

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) and outputs lines ducting to ensure there is enough insulation and avoid interferences.

Do not connect the main voltages (230V) or any other external voltages to any point of the KNX bus or inputs.

QR Code

