

VS.230:

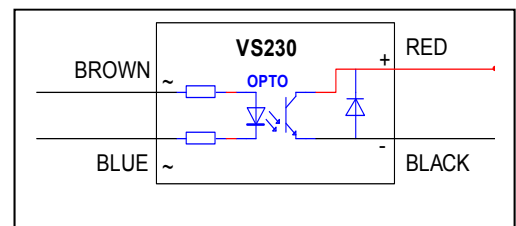
1. Features:

The VS.230 is a voltage (up to 250 Vac) to pulse sensor. This module detects whether the power to a device is on or off and this status is then translated into a potential free contact pulse output. This volt-free contact is then connected to a 2-wire input module for the exact measuring of the "on" time (PC.080 or EC.441 module). By measuring the exact "on-time" for units with a constant consumption (fuel oil pump, water pump, heat resistance ...) we can in this way measure operation hours and calculate consumption (Wh, litres, m³, ...) of that unit.



2. Technical data:

- PCB (embedded), dimensions 30x20x15mm (LBH), IP20, approx. 25 grams
- Voltage input: (brown-blue)
 - Input voltage: up to 250Vac, consumption: 200mWatt
 - Insulation between measuring voltage and pulse output: 3750V / 1min
- Pulse output(red-black)
 - Transistor with optical connection
 - Max voltage 24Vdc, default 5Vdc
 - Current:
 - 1ma/0.3V drop
 - 2mA/0.5V drop
- Protected against reverse polarity
- Operating conditions: 10 ° C- + 50 ° C, max 93%, up to 2000 meters
- CE: In accordance with EMC and low voltage regulations.



3. Safety instructions:

Carefully read the manual before starting the installation.
CAUTION:

- The module may only be installed by a qualified electrician.
- The tension must be stopped before working on the module.
- The pulse output is floating so NO AC or DC > 24Vdc voltage at the input connect otherwise the module is irreparably damaged.
- The guarantee expires if a module is opened!

4. Connections:

- 230Vac: Phase core (brown), Neutral (blue)
- Pulse from + conductor (red) - conductor (black)