

# ENERGY METER SYSTEM

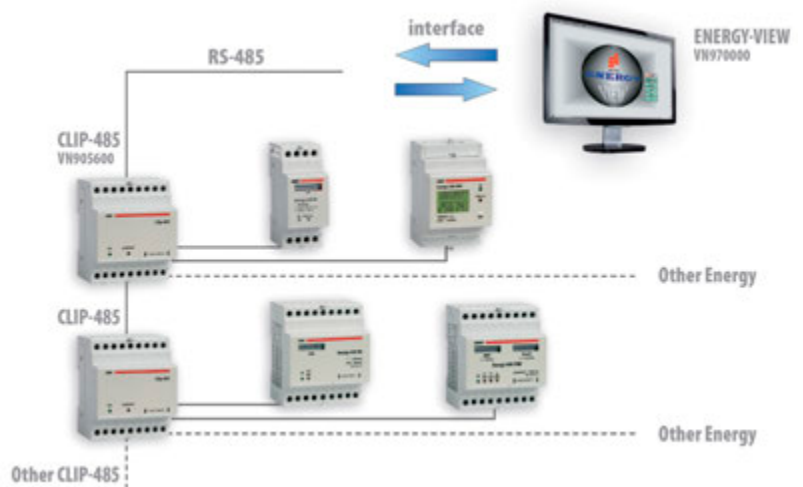
## TECHNICAL INFORMATION



### VEMER ENERGY METERS

Vemer have a complete range of both Analogue and Digital Energy Meters and all the necessary components to measure power consumption in complex and large 1~ / 3~ phase systems.

The CLIP-485 pulse receiver makes it possible to remotely monitor energy consumption. Each CLIP-485 can accept up to 8 Energy Meter output signals and further CLIP-485 devices can be connected together via MODBUS. Energy data can be displayed with the ENERGY-VIEW software from Vemer.



## SINGLE PHASE ENERGY METERS



- Energy-230-Micro Single Phase Meter, 22.5 Amp input, with pulse output, 1 module wide
- Energy-230-LC Single Phase Meter, 22.5 Amp input, 2 modules wide
- Energy-230-M Single Phase Meter, 25 Amp input, with pulse output, 2 modules wide
- Energy-230-TAi Single Phase Meter, CT input, with pulse output, 4 modules wide
- Energy-230-D40 LCD Single Phase Direct Meter, 40 Amp, with pulse output, 2 modules wide
- Energy-230-D63A LCD Single Phase Direct Meter, 63 Amp, with pulse output, 3 modules wide

## THREE PHASE ENERGY METERS



- Energy-400 PWR\* Three Phase Meter, CT input, with pulse output, 4 modules wide
- Energy-400 PWRi Three Phase Meter, CT input, with pulse output, 4 modules wide
- Energy-400D PWR\* LCD Three Phase Meter, CT input, with pulse output, 4 modules wide
- Energy-400D PWRi LCD Three Phase Meter, CT input, with pulse output, 4 modules wide
- Energy-400R PWRi Three Phase Meter, CT input, with pulse output, panel mounted
- Energy-400 D90A LCD Three Phase Direct Meter, 100 Amp, with pulse output, 7 modules wide
- CLIP-485 Remote Pulse Receiver for up to 8 Energy Series Meters with RS485 output
- ENERGY-VIEW Software and RS485/RS232 interface suitable for Energy Series Meters

\* C.T. Secondary's must not be earthed

## LAN INTERFACE



LAN-RS485  
GWI-2120B

LAN/RS485 Interface  
GSM Remote Communication Interface

# ENERGY MANAGEMENT & TRANSFORMERS

## LOAD SHEDDING



- |            |  |
|------------|--|
| PC-RF8     | Load Shedding Controller suitable for up to 8 Wireless Connected Actuators |
| RX.16A     | Load Shedding Wireless Actuators - 16 Amp                                  |
| SET-PC-RF8 | Load Shedding Set including the PC-RF8 controller & 2 RX.16A Actuators     |
| Solar3     | Load Shedding Controller suitable for up to 3 Connected Loads              |

## TRANSFORMERS



- |              |   |
|--------------|---|
| TM3-230/12   | Surface Mounted Transformer, Input 230VAC, Output 12VAC, 3VA          |
| TM3-230/24   | Surface Mounted Transformer, Input 230VAC, Output 24VAC, 3VA          |
| TMC10/12     | DIN Rail Mounting Transformer, 230VAC-4/8/12VAC, 10VA, 2 modules wide |
| TMC10/24     | DIN Rail Mounting Transformer, 230VAC-12/24VAC, 10VA, 2 modules wide  |
| TMC15/24     | DIN Rail Mounting Transformer, 230VAC-12/24VAC, 15VA, 2 modules wide  |
| TMC24/24     | DIN Rail Mounting Transformer, 230VAC-12/24VAC, 24VA, 3 modules wide  |
| TMC30/24     | DIN Rail Mounting Transformer, 230VAC-12/24VAC, 30VA, 3 modules wide  |
| TMC40/24     | DIN Rail Mounting Transformer, 230VAC-12/24VAC, 40VA, 3 modules wide  |
| TMC63/24     | DIN Rail Mounting Transformer, 230VAC-12/24VAC, 63VA, 4 modules wide  |
| TMC400-63/24 | DIN Rail Mounting Transformer, 400VAC-12/24VAC, 63VA, 4 modules wide  |



## PULSE COUNTERS



- |         |  |
|---------|--|
| EC5-024 | Panel mounting 5 digit zeroing Pulse Counter 24 VAC, 48x24 mm  |
| EC5-230 | Panel mounting 5 digit zeroing Pulse Counter 230 VAC, 48x24 mm |