

# LM80

## STATIC SINGLE-PHASE TWO MODULES DIN-RAIL WATT-HOUR METER

### Technical Characteristic:

·Voltage:	230V +/-30%
·Current:	80A
-Accuracy Class:	1.0
·Standard:	IEC62052-11, IEC62053-21
·Frequency:	50/60Hz
·Impulse Constant:	1000imp/kWh
·Display:	LCD 5+1digits=99999.9kWh
·Power Consumption:	≤8VA, ≤0.4W
·Start Current:	0.004Ib
·Temperature Range:	-20 ~ 65°C
·Flashing Red:	Impulse indication
·Average humidity value of year:	75%
·Maximum value:	95%

### Feature:

The single-phase network analyzer for TREMS values is able to display the following values:

W: Active Power (W)


KWh: Active Energy (Total counter and resettable Partial Counter)(KWh)

V: Voltage (V)

A: Current (A)

F: Frequency (Hz)

PF: Power Factor (cosφ)

 Symbol: Incorrect power direction.

### Resetting Counter

To reset the partial counter, press and hold button for 10 seconds and then release to reset it back to zero.

Dimensions: DIN width = 2 modules

### Impulse connection:

According with "SO" Din-rail 43864 standard,(27V, 27mA)max length of lead: 20m  
Impulse width=90ms, connect to terminal 20&21.

Limits of values: max 60VDC, max 50mA.

### Attention:

Don't open the meter. Unit is sealed.

No warranty if unit is opened.

