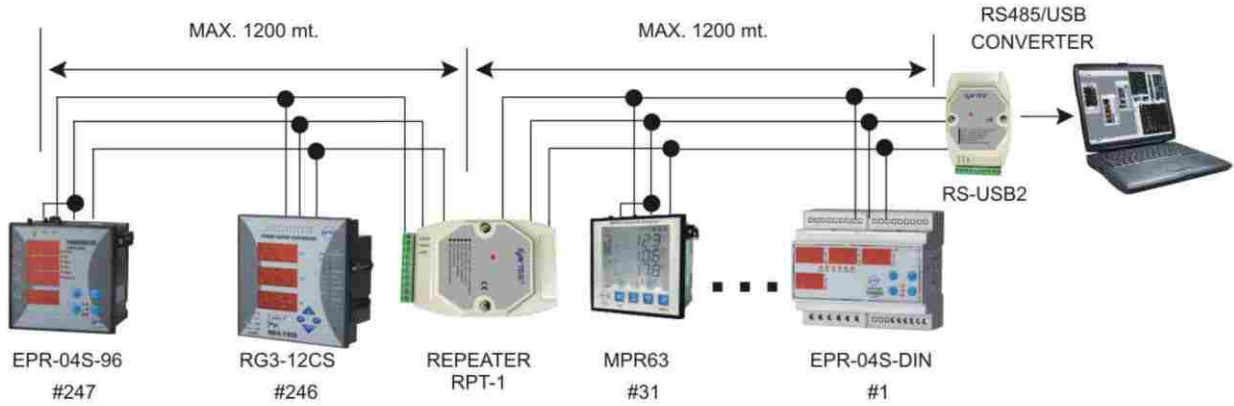


247 DEVICES CAN BE CONNECTED SERIALY BY USING A REPEATER



ES-25N

General
ES-25N / ES-32L : Watt-Hour Meter

In today's world, Efficient Power Management is very important for low-cost. Measuring process must have been fulfilled with certain accuracy for precise analysing and measuring the energy.

ES-25N / ES-32L measure the active watt hour (kWh) consumption directly and error free in single phase systems and it shows the total watt hour consumption.

The most important features of the device are its reliability, small size, light weight, modern design, and easy installation.



ES-32L

Technical Features	ES-25N Mechanical Energy Counter	ES-32L Digital Energy Counter
Accuracy	Class 1	
Operating Voltage	230 VAC, 50 / 60 Hz.	
Tolerance	-20 % / +15 %	
Operating Current	0,02~25 A	0,02~32 A
Nominal Current	In = 5 A, IMax. = 25 A	In = 5 A, IMax. = 32 A
Min. Rated Current	20 mA	
Frequency Range	50-60 Hz ±%10	
Display	6+1 digit = 999999,9 kWh	
Pulse Output	2000 Imp./kWh	1000 Imp./kWh
Pulse Time	Ti=80 ms.	
Installation	Rail Mount (DIN EN50022)	
Power Consumption	< 2 VA	
Operating Temperature	(-20 °C) - (+65 °C)	
Weight	75 gr. (except package weight)	
EMC		
Surge Voltage Test	4 kV 1.2 / 50 µs. (IEC 1000-4-5)	
Burst Test	4 kV (IEC 1000-4-4)	