

# SMART X835 MULTIFUNCTION METER



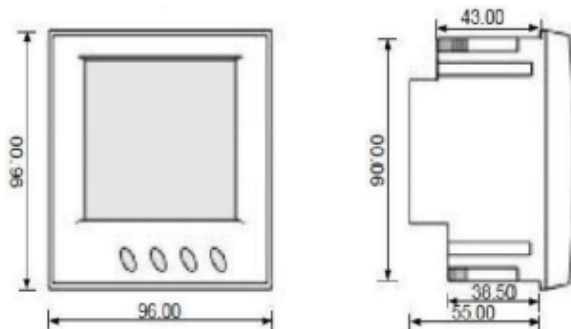
- Din 96x96mm
- Accuracy better than class1
- Dual pulsed output (X825)
- RS485 Modbus RTU output (X835)
- Backlit LCD display visible from all angles
- Total Harmonic Distortion as standard
- Easy set up and installation

### Brief Introduction

The Smart X825/X835 is a new generation intelligent meter. Developed on ARM processor and used not only in the electricity transmission and power distribution system but also in the power consumption measurement and analysis in high voltage and low voltage intelligent power grid. These meters are suitable for both 3 phase 3 wire and 4 wire balanced/ unbalanced loads. They provide high accuracy readings irrespective of the type of load.

This product has been designed and tested to suit most applications and has a modern design to fit in with today's market. This product has undertaken Low voltage directive and EMC tests in an UK recognised Laboratory and has full certification.

Due to not having plug in modules the meter is shallow in depth and available with Profibus and DP-Ethernet on request.



Parameter	Accuracy	Range
Voltage	0.2%	20V~500KV
Current	0.2%	0~9999A
Active power	0.5%	-9999~9999kW
Reactive power	0.5%	-9999~9999Kvar
Real time power	0.5%	0~9999KVA
Active energy	Class1	0~99999999.9kWh
Reactive energy	Class2	0~99999999.9kWh
Power factor	0.5%	-1.0~0~1.0
Frequency	0.2%	45~65Hz
Active demand	0.5%	0~9999kW
Reactive demand	0.5%	0~9999kVar
Real time demand	0.5%	0~9999kVA
Harmonic	1.0%	0~100%

- Voltage (ph-ph & ph-n Peak)
- Amps (Demand and Peak)
- Frequency
- Power factor
- Active power
- Reactive Power
- Power demand peak & average
- Active energy (resettable)
- Reactive energy
- %THD Volts and Amps
- Hours run

11	12	13	14	15	16	17	18	19	20	21	22
Q	L/+	N/-	D11	D12	COM	Do11	Do12	Do21	Do22	A	B
POWER			DI			DO				Rs485	

### METER

