## Leading-Edge Technology for Advanced Residential Metering Applications

The FOCUS® family of metering products provides the utility industry with an advanced, reliable and economical solid-state meter platform for advanced metering applications. The FOCUS AL utilizes a single circuit board design which allows room for installation of a modular communications board or a KYZ option output board. Fewer parts and connectors throughout the design increase reliability and contribute to better overall endpoint performance. Highly accurate load performance and the use of a field-proven Digital Multiplication Measurement Technique ensure reliability and dependability during the entire life of the FOCUS meter.

Meter reconfiguration can be accomplished optically through the configuration port located on the front cover.

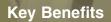
- Select from displayable positive, negative, net and added (security) metrics
- Change the displayed information, order or digits
- Configure a CT/PT meter multiplier to obtain a direct reading
- Preset or reset kWh
- Adjust calibration

With a focus on customer satisfaction, we are committed to providing the best metering solution in terms of capability, technology and affordability. By utilizing our experience and technology with that of our strategic allies and development partners, we provide metering solutions that cover the range of utilities' residential metering needs.

## E130 FOCUSAL

FOCUS kWh

258 514



- Digital Multiplication
   Measurement Technique
- Non-volatile memory
- Designed for a 20+ year life
- Meets or exceeds industry and ANSI standards
- Uses ANSI protocol (between meter and AMR device)
- 6 digit LCD and 2 Alpha ID
- Selectable meter multiplier up to 240 (1200:5 CT)

## **Specifications**

General Specifications	Active Energy "kWh-only" meter			
	Digital Multiplication Measurement Technique			
	Non-Volatile Memory			
	Designed for 20+ years life			
	Meets ANSI standards for performance			
	Utilizes ANSI protocol (between meter and AMI device)			
	8-Digit LCD			
	Display scroll sequence programmable (factory or end user)			
	Configuration Port – cover does not have to be removed			
Operating Temperature	-40C to +85C under cover			
Nominal Voltage	120V or 240V			
Operating Voltage	80% to 115% of Vn			
Frequency	60Hz +/- 5%			
Humidity	5% to 95% relative humidity, non condensing			
Starting Load (Watts)	Class 20 0.005 Amp (0.6W)			
	Class 100	ass 100 0.030 Amp (3.6W)		
	Class 200	Class 200 0.050 Amp (12W)		
	Class 320	lass 320 0.080 Amp (19.2W)		
	Class 480	Class 480 0.120 Amp (28.8W)		
Voltage Burden	≤ 1.8W Max			
Load Performance Accuracy	Accuracy Class 0.5% - typical accuracy 0.2%			
Available Forms	Self-Contained		1S, 2S, 2SE, 12S, 25S	
	Transformer Rated		3S, 4S	
	K-Base		2К	
Display Options	Energy Metrics: -+kWh, -kWh, Net kWh, and added kWh (Security)			
	Metric Energy Display Format - 4x1, 4x10, 5x1, 5x10, 6x1 or 6x10			
AMI Platform	Modular or Integrated			
Selectable Meter Multiplier	Up to 240 as result of PT ratio   CT ratio			
Applicable Standards	ANSI C12.1 for electric meters			
	ANSI C12.10 for physical aspects of watt hour meters			
	ANSI C12.19 Utility Industry End Device Data Tables			
	ANSI C12.20 for electricity meters, 0.2 and 0.5 accuracy classes			
	CAN3-C17-M84 Canadian specifications for approval of type of electricity meters			

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