



Residential:
E330 FOCUS AX
E350 AX-SD
Single Phase



Scalability Delivered in Advanced Residential Metering

Overview

The FOCUS® AX surpasses other meters in its class to deliver options you need for a highly functional and affordable metering solution. The combination of the FOCUS Service Disconnect base module and powerful AX register supports a variety of connect/disconnect and service-limiting applications. The result: A single solution to manage demand, time of use, load profile and reactive—with no costly upgrades.

Features such as reactive energy and power quality measurements deliver empowering data to run advanced applications such as voltage monitoring, VAR control and load curtailment.

The E350 FOCUS AX-SD incorporates a 200A, motor-driven, cam action disconnect/connect switch under the meter cover. This advanced, market-leading switch, coupled with the field-proven reliability of the E350 AX-SD, delivers Landis+Gyr's third-generation design answer to today's evolving utility requirements.

FEATURES & BENEFITS:

Why Landis+Gyr makes a difference.

- Most advanced cam-driven switch design to withstand 10K cycles at full rated current
- Switch continues operation even under low voltage conditions
- Prepay ready
- Power quality data (sag/swell)
- Magnetic/DC presence detection (based on leading current)
- 8 channels of load profile
- Surpasses ANSI requirements for surge protection (10KV) and meter accuracy
- Full 200 amp disconnect rating
- Advanced over-the-air-flashable firmware upgrades avoids loss of billing or configuration data

Product Specifications: E330 FOCUS AX and E350 AX-SD Single Phase

Specifications

General Specifications	Active Energy “kWh-kW” meter and Reactive Energy “kVA or KVAR”	
	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)	
	9-Digit LCD	
	Display scroll sequence programmable (factory or end user)	
Configuration Port – cover does not have to be removed or optional ANSI C12.18 optical port available		
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	0.030 Amp (3.6W)
	Class 200	0.050 Amp (12W)
	Class 320	0.080 Amp (19.2W)
	Class 480	0.120 Amp (28.8W)
Voltage Burden	< 1.9W Max	
Load Performance Accuracy	Accuracy Class 0.2% (reactive energy 0.5%)	
Available Forms	Self-Contained	1S, 2S, 2SE, 12S, 25S
	Transformer Rated	3S, 4S
	K-Base	2K
Display Options	Energy Metrics: +kWh, -kWh, Net kWh, and added kWh (Security), kVAh or kVARh	
	Metric Energy Display Format – 4x1, 4x10, 5x1, 5x10, 6x1 or 6x10	
	Time of Use and Demand Billing	
AMI Platform	Modular or Integrated	
Selectable Meter Multiplier	Up to 4096 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 C12.18 Protocol specifications for ANSI Type 2 Optical Port	
	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	
Service Disconnect	10,000 operations at full rated current (disconnect/connect)	
	Available forms: 1S, 2S, 12S, 25S	
International Certifications	Measurement Canada (MC) AE-1641, AE-2041 (integrated)	

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manage energy better