Residential:
E330 FOCUS AX
E350 AX-SD
Single Phase

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**
- -40°C to +85°C 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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