

FOCUS AXe

Metering Platform

FOCUS AXe/AXRe/RXRe E331 (Modular)

FOCUS AXe/AXRe/RXRe E332 (Integrated)

FOCUS AXe/AXRe/RXRe-SD E351 (Modular)

FOCUS AXe/AXRe/RXRe-SD E352 (Integrated)



Advanced Metering Performance and Safety

The FOCUS® AXe platform for advanced electric metering and smart grid applications enhances your sensor ecosystem with proven reliability and innovative features. Expanding on Landis+Gyr's industry-leading FOCUS AX platform, the FOCUS AXe adds increased memory and processing power to enable greater measurement, power quality, and data profiling capabilities. The FOCUS AXe also incorporates a sensor to detect meter removal and insertion as possible indications of tampering, as well as increased power supply capacity to support more advanced AMI modules for expanded communications abilities.

Reliable disconnect service for any type of residential installation

The FOCUS AXe-SD provides reliable remote service disconnect and reconnect with a motor driven, cam action switch under the meter cover. Available in both CL200 and CL320 UL certified models, the switches operate safely for thousands of iterations at full class current. Along with direct switch actuation, the FOCUS AXe-SD supports multiple load-limiting features that initiate a disconnect when a specified instantaneous power or average demand level is reached.

The FOCUS AXe-SD Form 2SE delivers precedent-setting remote service disconnect capability to larger 320A installations, providing Landis+Gyr's unique solution to evolving utility requirements.

FEATURES

- Active Energy "kWh" meter: Optional Reactive Energy "kVAh or kVARh"
- Two simultaneous demands: kW, kVA, and kVAR
- 200A and 320A remote disconnect
- Meters exceed ANSI requirements for meter accuracy (0.2% active) and surge protection (10kV)
- Power Quality Metrics: Sag, Swell and Total Harmonic Distortion
- Up to 8 channels of Load Profile standard
- Independent 2nd 8-channel Load Profile Recorder (optional for E331/E351)
- Every S-Base meter form is UL listed
- Meter removal and insertion detection to indicate possible tamper
- Magnetic and DC presence detection
- Over-the-air firmware and program updates¹
- Dedicated Voltage Log
- Configurable optical port lockout¹

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PRODUCT SPECIFICATIONS

General Specifications	<ul style="list-style-type: none"> All models support demand billing and are time-of-use (TOU) Ready – Battery Optional Third Generation processor runs 2x as fast as FOCUS AX 2x RAM, 2x ROM, and 4x the Non-Volatile Memory as FOCUS AX Designed for 20+ years life Utilizes ANSI protocol (for optical port and between meter and AMI device) 9-Digit LCD Display scroll sequence programmable (factory or end user) Configuration Port – standard plastic: Optional ANSI C12.18 optical 			
Operating Temperature	-40C to +85C under cover			
Nominal Voltage	120V or 240V			
Operating Voltage	80% to 115% of Nominal Voltage			
Frequency	60Hz +/- 5%			
Humidity	5% to 95% relative humidity, non-condensing			
Starting Load (Watts)	<ul style="list-style-type: none"> 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				
	E331 (Mod)	E332 (Int)	E351 (Mod-SD)	E352 (Int-SD)
Self-Contained	1S, 2S, 2SE (320A), 12S, 25S	1S, 2S	1S, 2S, 2SE (320A), 12S, 25S	1S, 2S, 2SE (320A)
Transformer Rated	3S, 4S	3S, 4S	-	-
K-Base	2K (480A)	-	-	-

1. Select features rely on a communications module. Meters that are AMI-enabled with communications are clearly labeled on meter face above digital display.

2. Series5 MCM0 Technology: IEEE 802.15.4-2020 900 MHz 2-FSK and 2-GFSK, Speeds: 9.6-115.2 kbps (RF Mesh), 10-200kbps (Mesh IP), Output Power: 500mW Max.

GET IN TOUCH.

For more information and nationwide warranty terms, visit us at landisgyr.com or call us at 888-390-5733.



Display Options	<ul style="list-style-type: none"> Energy Metrics: +kWh, -kWh, Net kWh, added kWh (Security), kVAh or kVARh Metric Energy Display Format: 4x1, 4x10, 5x1, 5x10, 6x1 or 6x10 TOU, demand billing and two demands (selectable kW, kVA or kVAR)
Communications¹	<ul style="list-style-type: none"> Modular design - with or without AMI communication (E331/E351) Integrated design² - with radio built-in (E332/E352)
Selectable Meter Multiplier	Up to 4096 as result of PT ratio x CT ratio
APPLICABLE STANDARDS	
ANSI C12.1	Code For Electricity Metering
ANSI C12.10	Physical Aspects of Watthour Meters - Safety Standard
ANSI C12.18	Protocol Specification for ANSI Type 2 Optical Port
ANSI C12.19	Utility Industry End Device Data Tables
ANSI C12.20	American Nat'l Std. for Electricity Meters — 0.1, 0.2, and 0.5 Accuracy Classes
CAN3-C17-M84	Canadian specifications for approval of type of electricity meters
UL 2735	UL Standard for Safety Electric Utility Meters
SERVICE DISCONNECT - E351 AND E352	
200A Disconnect	<ul style="list-style-type: none"> 10,000 operations at 200 Amps Available forms: 1S, 2S, 12S, 25S
320A Disconnect	<ul style="list-style-type: none"> 3,000 operations at 320 Amps (10,000 operations at 200 Amps) Available forms: 2SE
INTERNATIONAL CERTIFICATIONS	
Measurement Canada (MC)	AE-1967, AE-2398, AE-2474, AE-2475

LET'S BUILD A BRIGHTER FUTURE TOGETHER

Since 1896, Landis+Gyr has been a global leader of energy management solutions. We've provided more than 3,500 utility companies all over the world with the broadest portfolio of products and services in the industry. With a worldwide team of 1,300+ engineers and research professionals, as well as an ISO certification for quality and environmental processes, we are committed to improving energy efficiency, streamlining operations, and improving customer service for utility providers.