



## TAMPER DETECTION

### Landis+Gyr

- » Power outage notification supports the detection and restoration notification of power outages on the utility distribution network
- » The reverse flow detection feature is a diagnostic flag set upon the detection of power in the reverse direction and remains set in each data packet for 50 minutes

### Technical Data

Meets applicable standards:

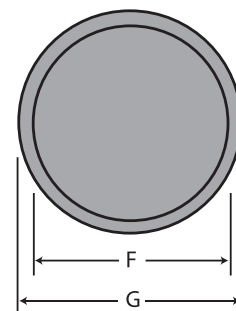
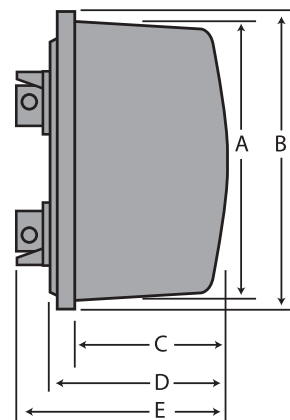
- » ANSI C12.1 - 2001
- » ANSI C12.10 - 2004
- » ANSI C12.20 (Class 0.5) - 2002
- » ANSI C62.45 - 1992
- » IEC 61000-4-4
- » IEC 61000-4-2
- » FCC Title 47, Part 15, Subpart C, Paragraph 247

### Product Availability

Volts Services	Volts/ Services	Test Amps	Kh (Pulse/Wh)	Form No.	Digits/Mult	Catalog Number Poly
120v, 2 Wire	100	15	1.0	1S	5x1	CL100 1S-412730000-000
240V,3 Wire	200	30	1.0	2S	5x1	CL200 2S-999800000-000
240V, 3 Wire	320	50	1.0	2S	5x1	CL320 2S-412720000-000
120V, 2 Wire	20	2.5	1.0	3S	5x1	CL20 120V 3S-412860000-000
240V, 3 Wire	20	2.5	1.0	3S	5x1	CL20 240V 3S-417090000-000
240V, 3 Wire	20	2.5	1.0	4S	5x1	CL20 4S-412740000-000
120V, 2 Wire	200	30	1.0	12S	5x1	CL200 12S-99810000-000
120V, 2 Wire	200	30	1.0	25S	5x1	CL200 25S-417100000-000

**Dimensions**

Polycarbonate						
A	B	C	D	E	F	G
6.29"	6.95"	2.7"	3.16"	4.53"	6.29"	6.95"
16 cm	17.7 cm	6.9 cm	8 cm	11.5 cm	16 cm	17.7 cm
Glass						
A	B	C	D	E	F	G
6.42"	6.95"	3.03"	3.55"	4.9"	6.42"	6.95"
16.3 cm	17.7 cm	7.7 cm	9 cm	12.5 cm	16.3 cm	17.7 cm



**Shipping Weights**

Polycarbonate		
4 meter cartons	Approx. 8.9 lbs.	4.04 kg
120 meter pallets	Approx. 260-265 lbs.	117.936 kg
Glass		
4 meter cartons	Approx. 13.96 lbs.	6.35 kg
120 meter pallets	Approx. 335 lbs.	151.956 kg

**Specifications**

Power Requirements	Voltage rating: 240 V Frequency: 60 Hz, 50Hz	Operating voltage: ±20% (60 Hz); ±10% (50 Hz) Operating range: ±3 Hz
Transmitter Frequency	Cellnet+Hunt: 902-928 MHz-Spread Spectrum R300: 910-920 MHz-Frequency Hopping	
Operating Environment	Temperature: -40° to +85°C Humidity: 0% to 95% non-condensing	
Transient/Surge Suppression	ANSI C37.90.1-1989 IEC 61000-4-4 ANSI C62.45-1992	
Accuracy	ANSI C12.20 0.5 Accuracy Class	
General LCD Display	Five-Digit liquid crystal display Data digit height: 0.4"	Annunciator height: 0.088" Electronic load indicator
Characteristic Data	Starting watts: 5 watts	
Temperature Rise Specifications	Meets ANSI C12.1 section 4.7.2.9	
Burden Data	Voltage circuit: 1.35W (Form 1S, 2S) 1.55W (Form 3S, 4S, 25S, 2S, CL320)  Current coil: .05 VA (All Forms)	



Itron is a global technology company. We build solutions that help utilities measure, manage and analyze energy and water. Our broad product portfolio includes electricity, gas, water and thermal energy measurement and control technology; communications systems; software; and professional services. With thousands of employees supporting nearly 8,000 utilities in more than 100 countries, Itron empowers utilities to responsibly and efficiently manage energy and water resources.

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