



C1SC

CENTRON®

The CENTRON C1SC is a one-way radio frequency (RF) Personality Module that operates in the unlicensed 902-928 MHz frequency range using spread spectrum technology.

FEATURES

Flexible Platform

- » 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

- » Supports advanced metering such as demand, TOU, and load profile in the CellNet fixed network
- » Assembled and programmed at the factory, requiring no additional programming by the user
- » Each interval is transmitted nine times through a sliding 45-minute window transmission scheme

Standard Features

- » Electronic LCD register
- » Polycarbonate cover
- » Test LED

Option Availability

- » Glass cover

Product Availability

Volts / Service	Meter Class	Test Amps	Kh (Pulse/Wh)	Form No.	Digits/Mult	Catalog Number	Catalog No. (Poly)
120V, 2-wire	100	15	1.0	1S	5x1	98042	98043
240V, 3-wire	200	30	1.0	2S	5x1	98016	98017
240V, 3-wire	320	50	1.0	2S	5x1	98146	98147
120V, 2-wire	20	2.5	1.0	2S	5x1	98126	98127
240V, 3-wire	20	2.5	1.0	3S	5x1	98130	98131
240V, 3-wire	20	2.5	1.0	4S	5x1	98134	98135
120V, 2-wire	200	30	1.0	12S	5x1	98138	98139
120V, 2-wire	200	30	1.0	25S	5x1	98142	98143

SPECIFICATIONS

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

Specifications

Power Requirements	Voltage Rating: 240 V, 120 V Frequency: 60 Hz	Operating Voltage: $\pm 20\%$ Operating Range: ± 3 Hz
Transmitter Frequency	902-928 MHz Spread Spectrum	
Operating Environment	Temperature: -40° to $+85^{\circ}\text{C}$	Humidity: 0% to 95% non-condensing
Transient / Surge Suppression	ANSI C37.90.1-1989 ANSI C62.45-1992	IEC 61000-4-4
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: 1.35 (Form 1S, 2S) Current Coil: 0.5VA (All Forms)	1.55 W (Form 3S, 4S, 12S, 2S, 25S, 2S CL320)

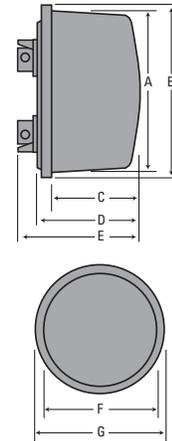
Technical Reference Guide

- » CENTRON C1S Specification Sheet
- » CENTRON C1SR Specification Sheet
- » CENTRON C1SD, C1ST, C1SL Specification Sheet
- » Hardware Specification Form

Technical Data

- Meets applicable standards:
- » ANSI C12.1 - 1995
 - » ANSI C12.10 - 1997
 - » ANSI C12.20 (Class 0.5) - 1998
 - » ANSI C37.90.1 - 1989

Dimensions



Shipping Weights

Polycarbonate		
	Pounds (approx)	Kilograms
4 Meter Cartons	8.9 lbs	4.04 kg
96 Meter Pallets	214 lbs	97.30 kg
Glass		
	Pounds (approx)	Kilograms
4 Meter Cartons	13.96 lbs	6.35 kg
96 Meter Pallets	335 lbs	152.30 kg



At Itron, we're dedicated to delivering end-to-end smart grid and smart distribution solutions to electric, gas and water utilities around the globe. Our company is the world's leading provider of smart metering, data collection and utility software systems, with over 8,000 utilities worldwide relying on our technology to optimize the delivery and use of energy and water.

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