

# C1S CENTRON<sup>®</sup>

## introduction

### **CENTRON C1S**

The CENTRON C1S solid-state meter is used for measuring single-phase energy consumption. With this solid-state meter, Itron presents a platform for residential metering with the flexibility to adapt as your needs expand and change.

The CENTRON C1S is available as an energy meter with an LCD register. As an option, the meter is available with interchangeable personality modules, including demand, time-of-use (TOU), load profile and various communication options.

## features

### **Flexible Platform**

- > The CENTRON meter can easily be upgraded to any of the option modules available.
- > All calibration data is permanently stored in the base of the meter on the CENTRON metrology board.

### **Personality Modules**

- > The interchangeable personality modules are part of a snap-in register assembly.
- > The personality module houses all register or communication functions.

### **Enhanced Performance**

- > Low starting watts
- > Low burden
- > Captures energy that was not monitored in the past by electromechanical meters

### **Tamper Resistant**

- > Measures energy even if the meter is inverted

### **Standard Features**

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



# features

## Option Module Upgrades

- > Demand module (C1SD)
- > TOU with demand module (C1ST)
- > Load profile with TOU and demand module (C1SL)
- > R300 900 MHz RF module (C1SR)

## Option Availability

- > Glass cover
- > Electronic detent
- > Identification/Accounting aids

## 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
- > ANSI C62.45 - 1992
- > IEC 61000-4-4
- > IEC 61000-4-2
- > FCC Part 15, Subclass C

## Reference Information

- > CENTRON Technical Reference Guide
- > CENTRON C1SR Specification Sheet
- > CENTRON C1SC Specification Sheet
- > CENTRON C1SD, T, L Specification Sheet
- > Electricity Price Bulletin
- > Hardware Specification Form
- > ZRO-C2A Handheld Meter Resetter Instructions

## Product Availability

Meter Version	Class	Volts	Wire	Form	Digits/Mult	Energy Setting	Catalog Number Glass	Catalog Number Poly
C1S	100	120	2	1S	5x1	Undetented	G980225	G980205
C1S	200	240	3	2S	5x1	Undetented	G980194	G980181
C1S	320	240	3	2S	5x1	Undetented	G980236	G980213
C1S	20	120	2	3S	5x1	Undetented	G980247	G980248
C1S	20	240	3	4S	5x1	Undetented	G980255	G980223
CN1S	200	120	3	12S	5x1	Undetented	G980257	G980195
CN1S	200	120	3	25S	5x1	Undetented	G980265	G980266



## profile

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