

CENTRON®
Polyphase CP3S

With this solid-state meter, Itron presents a platform for commercial and industrial (C&I) metering that has the flexibility to adapt as your communication needs expand and change. The CENTRON Polyphase CP3S solid-state meter with current transformer technology measures extended polyphase energy consumption. It 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) and load profile.

FLEXIBLE PLATFORM

- The CENTRON Polyphase 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 Polyphase metrology board.

PERSONALITY MODULES

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

ENHANCED PERFORMANCE

- 0.2 accuracy class
- Flexible platform
- Auto-ranging power supply

SPECIFICATIONS

STANDARD FEATURES

» Electronic LCD register
» Polycarbonate cover
» Test LED
» Voltage indicators
» Service detection
» Expansion port

OPTION MODULE UPGRADES

» Demand module (CP3SD)
» TOU with demand module (CP3ST)
» Load profile with TOU and demand module (CP3SL)
» R400 900 MHz RF module (CP3SR)
» R400CD/CD3 module

OPTION AVAILABILITY

» R400CD/CD3
» Identification/Accounting aids

TECHNICAL DATA

Meets applicable standards:

» ANSI C12.1 - 2014
» ANSI C12.10 - 2011
» ANSI C12.18 -1996
» ANSI C12.19 - 1997
» ANSI C12.20 (Class 0.2) -2015
» FCC Part 15, Class B
» FCC Part 15, Subpart C

REFERENCE INFORMATION

» CENTRON Polyphase Technical Reference Guide
» CENTRON Polyphase CP3SD, T, L Specification Sheet
» CENTRON R400CD/CD3 Specification Sheet
» Electricity Price Bulletin
» Hardware Specification Form
» ZRO-C2A/B Handheld Meter Resetter Instructions
» Meter Pocket Guide

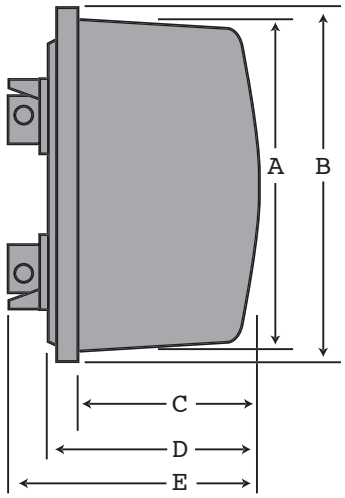
SPECIFICATIONS

Product Availability

Metrology	Class	Elements	Wires	Voltage Amps
1S	100	1	2	120-480
2S	200	1.5	3	120-480
2S	320	1.5	3	120-480
3S	20	1	2	120-480
4S	20	2	3	120-480
9S (8S)	20	3	4	120-480
9S (8S)/36S	20	3	4	120-480
45S/5S	20	2	3	120-480
12S	200	2	3	120-480
12S	320	2	3	120-480
16S (14S, 15S, 17S)	200	3	4	120-480
16S (14S, 15S, 17S)	320	3	4	120-480

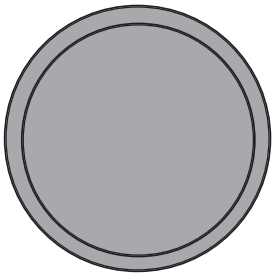
Dimensions

Polycarbonate					
A	B	C	D	E	F
6.31”	6.95”	5.04”	5.85”	6.86”	7.30
16 cm	17.7 cm	12.8 cm	14.9 cm	17.4 cm	18.5 cm



Shipping Weights

Polycarbonate		
4 meter cartons	Approx. 12 lbs.	5.44 kg
96 meter pallets	Approx. 323 lbs.	146.51 kg



Specifications

Power Requirements	Voltage rating: 120V-480V Frequency: 60 Hz, 50Hz	Operating voltage: ±20% (60 Hz); ±10% (50 Hz) Operating range: ±3 Hz
Operating Environment	Temperature: -40˚ to +85˚C Humidity: 0% to 95% non-condensing	
Transient/ Surge Suppression	IEC 61000-4-4 ANSI C62.45-1992	
Accuracy	ANSI C12.20 0.2 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 current: 5 mA (Class 20) Starting current: 20 mA (Class 200/320)	
Temperature Rise Specifications	Meets ANSI C12.1 section 4.7.2.	

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