

NEW

C192PF8

Power Factor Manager



Introducing the new line of
Power Factor Controllers and Powermeters

- **Dual power factor**
- **Controls up to 8 capacitor banks**
- **Phase failure protection**
- **Harmonic and low voltage protection**
- **Multi-purpose switches**

 **SATEC**
Powerful Solutions



NEW

C192PF8



- Bright LED displays (three windows, up to 45 pages) with adjustable display update time and automatic scrolling
- Percent load LED bar graph
- Alarm LED indicator (setpoint programmable)
- Communication LED indicators
- 8 programmable relays for alarm / setpoint / energy pulsing
- 16 programmable setups for alarm / control / trip functions
- Failsafe relay operation
- Digital input for status or external synchronization
- 4 counters operated and released by user-defined triggers
- RS-485 communications (RS-232 optional), ASCII/Modbus protocols, assignable registers
- Optically isolated programmable analog output 0-20 mA / 4-20 mA (option)
- Demands: predicted, sliding, accumulated, maximum
- Energies: import, export, net (active and reactive energy)
- Compact size: 144 x 144 mm.

Class 0.5 Accuracy

Parameter	Reading%	Full Scale%
Voltage		0.3
Line current		0.3
Active power		0.4
Reactive power		0.4
Apparent power		0.4
Power factor		1
Frequency	0.02	
Neutral (unbalanced) current		0.6
Ampere demand		0.3
kW demand	same as for kW	
kVA demand	same as for kVA	
Active energy import & export	same as for power	
Reactive energy import & export	same as for power	
Apparent energy	same as for power	

Measurement error is typically much less than the maximum errors specified here.



Ordering Information

C 192PF8- [] - [] - [] - [] - []

Voltage Inputs

0* 690V AC Nominal Voltage Input
U 120V AC Nominal Voltage Input

Current Inputs

1 1 Ampere
5* 5 Ampere

Power Supply

ACDC* 90 - 264V AC and 85 - 290V DC
1DC 10 - 20V DC
2DC 20 - 38V DC
3DC 38 - 72V DC

Communication

0* RS-485
R2 RS-232

Programmable Analog Output

0 No Analog Output
A2 0 - 20 mA
A4 4 - 20 mA

* Standard

Example: C192PF8-0-5-ACDC-0-A2



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