



Digital Panel Meters & Automatic Power Factor Control Relay



CSPF-100 / CSPF-200: Power Factor Controller Series

- 1 CT / 3 CT model
- Auto / Manual operation
- Automatic setup mode
- Built-in metering for V, I, P, Q, S, PF, Energy, Temperature, THD. Harmonics
- Field configurable protection / system setting including CT Ratio, Target PF etc.
- Protection on over/under compensation, over/under voltage, over/under current, over temperature, step fail etc.
- Indication of active capacitors steps through LEDs
- Potential free output contact for Alarm & External FAN
- Available in 6/8/12 steps

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Digital Panel Meters				
Description	Reference	Communication	Accuracy class	MRP (₹)
1 Phase Voltage - 230V or 415V	CSM-A-V1-S1	NA	Class 1	880
1 Phase Current	CSM-A-I1-S1	NA	Class 1	880
1 Phase Frequency	CSM-A-F1-S1	NA	Class 1	880
1 Phase PF	CSM-A-P1-S1	NA	Class 1	880
3 Phase voltage	CSM-A-V3-S1	NA	Class 1	1225
3 Phase Current	CSM-A-I3-S1	NA	Class 1	1225
3 Phase Frequency	CSM-A-F3-S1	NA	Class 1	1225
Hour Meter	CSM-A-H1-S1	NA	Class 1	880
3 Phase kWh	CSM-A-E3-S3	NA	Class 1	2700
3 Phase kWh	CSM-A-E3-S3-C	NA	Class 1	POR
3 Phase Voltage, Current, Frequency	CSM-A-M3-S3	NA	Class 1	2050
3 Phase Voltage, Current, Frequency with communication	CSM-A-M3-S3-C	Available	Class 1	2450
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh	CSM-A-M4-S3	NA	Class 1	3600
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh with communication	CSM-A-M4-S3-C	Available	Class 1	4200
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh	CSM-A-M5-S3	NA	Class 1	5200
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh with communication	CSM-A-M5-S3-C	Available	Class 1	5800
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh	CSM-A-M6-S3	NA	Class 1	6400
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh with communication	CSM-A-M6-S3-C	Available	Class 1	6800
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh, THD	CSM-MF-05	NA	Class 0.5	13000
3 Phase Voltage, Current, Frequency, PF, kW, kVA, kVAR, kWh, kVAh, kVARh, THD	CSM-MF-02	Optional with Modbus/ Profibus	Class 0.2	26000

Automatic Power Factor Control Relay		
Description	Reference	MRP (₹)
6 Stage APFC Relay with single CT input	CSPF-100-06	7100
8 Stage APFC Relay with single CT input	CSPF-100-08	8400
12 Stage APFC Relay with single CT input	CSPF-100-12	9600