

POWER FACTOR REGULATOR

PFR96/96P



FEATURES

- Display of Cosφ, power factor, voltage, current
- Display power of Active (W), Reactive (var), Apparent (VA) and required var
- No voltage release function
- Automatic C/K and rated step adjustment
- Automatic CT polarity correction
- Programmable sensitivity
- Programmable alarm
- Last step can be used as alarm/fan output
- Alarm of Under/over voltage, under/over compensate and step fault
- Programmable L-L and L-N voltage sensing
- Complies with IEC 61000-6-2 standard

SPECIFICATIONS

AUXILIARY SUPPLY

Supply Voltage (PFR96) : 220 ~ 240VAC
(PFR96P): 380 ~ 415VAC
Operating Limits : -15% +10%
VA Rating : 10VA max
Frequency : 50Hz or 60Hz

OUTPUT CONTACT

Numbers of Outputs : 6
Contact Arrangement : NO contact type
Rated Capacity : 5A 250VAC(Cosφ=1)
Max Current for the Common Terminals : 12A continuous

CURRENT INPUT

Rated current, In : 5A
Operatings Limits : 0.02 -8A
Rated Frequency : 50Hz or 60Hz

CONTROL RANGE

Power Factor Setting : 0.8 inductive
-0.8 capacitive
C/K Setting : 0.02 -1.20/Auto
Switching Sensitivity : 5 - 600 s/step
Reconnection Time for Same Step : 5 - 240 s
Switching Program : Off/Automatic
Rotate/Manual Four-quadrant
Rated Step Coefficient : 1 - 16/Fix/Off

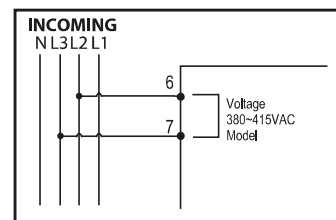
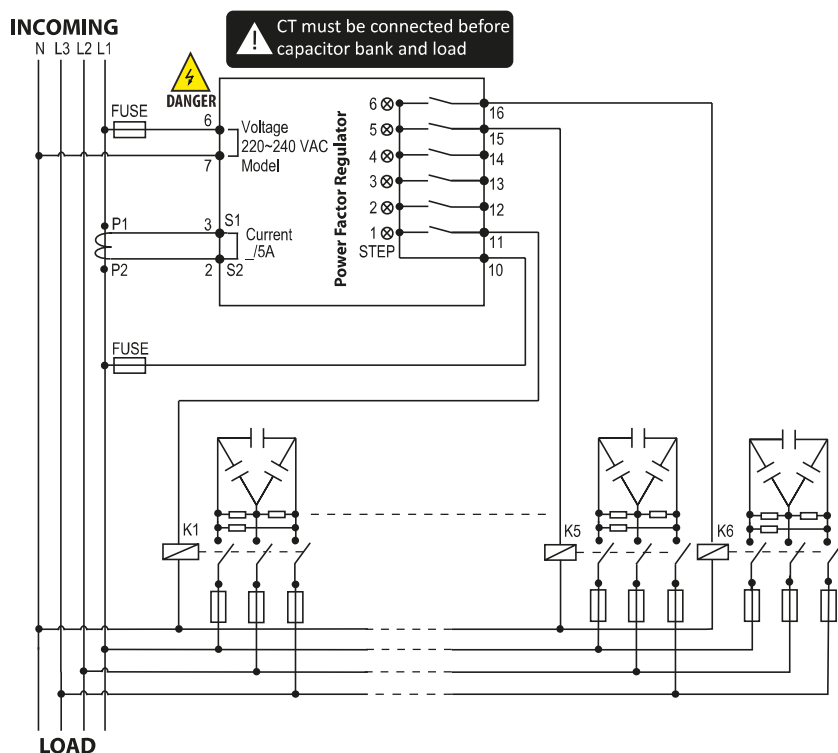
ENVIRONMENTAL CONDITIONS

Operating Temperature : -5°C to 55°C
Humidity : 56 days at 93% RH
and 40°C non-condensing

MECHANICAL

Mounting : Panel mounting
Dimension (mm) : 96(w) x 96(h) x 70(d)
Enclosure protection : IP54 at the panel
Approximate weight : 0.6kg

TYPICAL APPLICATION DIAGRAM



For PFR96P Model

ORDERING INFORMATION

MODEL	DESCRIPTION
PFR96 - 230A (RX)	6 steps, 50 or 60Hz system, auxiliary voltage 220~240 VAC
PFR96P - 415A (RX)	6 steps, 50 or 60Hz system, auxiliary voltage 380~415 VAC

CASE DIMENSION

