PANEL METERS

PFC-07 POWER FACTOR CONTROL

GENERAL

PFC-07E reactive power controller is designed to balance the reactive (Inductive) power of loads for monophase or balanced three phase systems



FEATURES

3x20mm LED Display Screen
Level and Status LEDs
100mA Current Sensitivity
Automatic Current Transformer Test

TECHNICAL DATA

PARAMETER	VALUE
Operating Voltage	160V-260V AC
Operating Frequency	24V AC/DC (A2 (-), A3 (+))
Operating Power	<10VA
Operating Temperature	-20°C.....+55°C
Current Range	80mA - 5.5A
Display	3x20mm Display and LEDs
Contact	5A/250V AC Resistive Load
Connection Type	Terminal Connection
Weight	<900gr
Step Number	7, 12
Operating Altitude	<2000m
Cable Diameter	1.5mm^2
Panel Hole Size	139mm x 139mm

MAINTANENCE

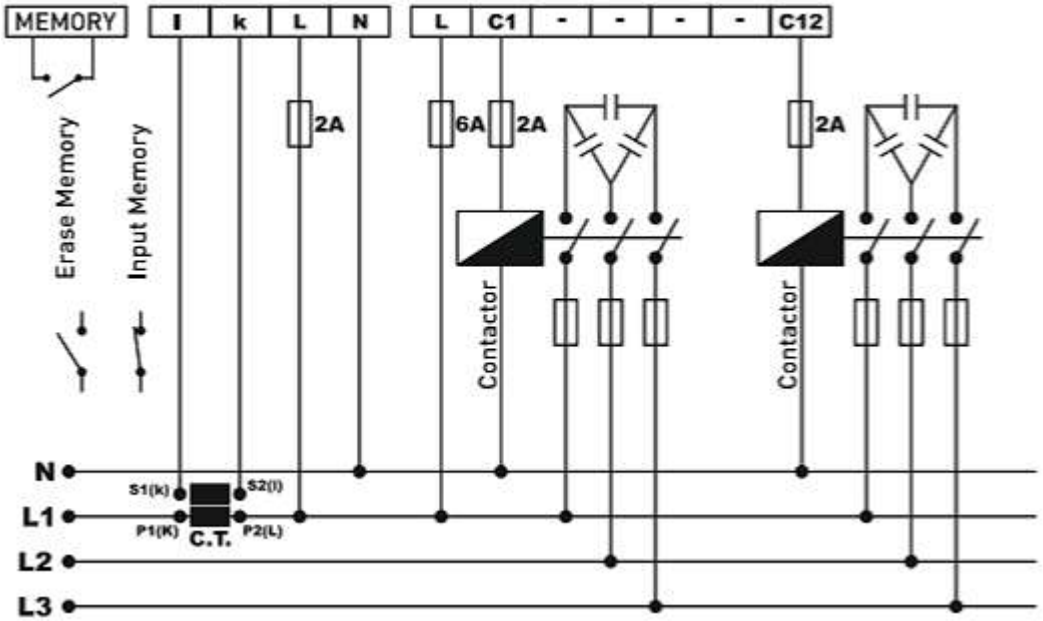
Switch off the device and release from connections. Clean the trunk of device with a swab. Don't use any conductor or chemical might damaged the device. Make sure device works after cleaning.

PANEL METERS

PFC-07 POWER FACTOR CONTROL

VTEKE®

CONNECTION DIAGRAM



SAMPLE STEP STRUCTURE

1 Step	2 Step	3 Step	4 Step	5 Step	6 Step	7 Step
1 kVar	2.5 kVar	5 kVar	7.5 kVar	10 kVar	15 kVar	20 kVar

WARNINGS

- Please use the device according to the manual.
- Don’t use the device in wet.
- Include a switch and circuit breaker in the assembly.
- Put the switch and circuit breaker near by the device, operator can reach easily.
- Mark the switch and circuit breaker as releasing connection for device.
- Current transformers should be connected to input. If you connect a current transformer after a load, device can not read the current and compensation will be incorrect.
- For better compensation of current transformer select 0.5 (kl or cl)
- Choose suitable automat circuit breaker values (used for steps) for capacitors
- Monophase connection is only suitable to use for balanced three phase systems. Otherwise compensation will not be right.