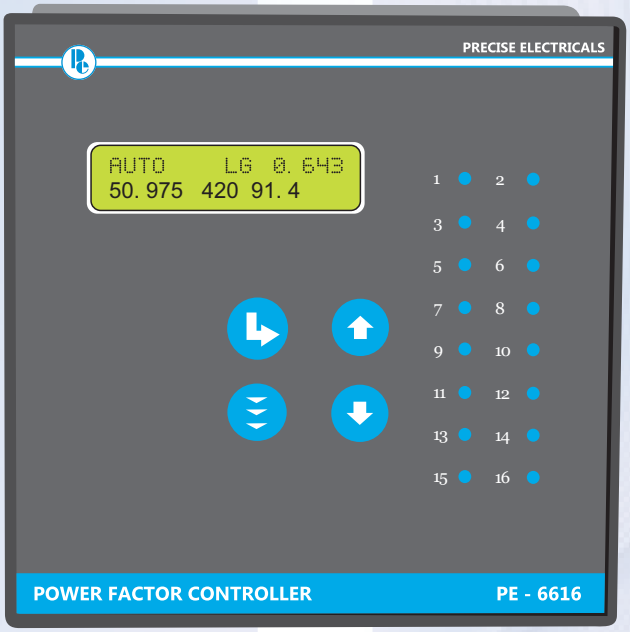
POWER FACTOR CONTROLLER



This version of 66 XX series displays all parameters such as power factor, shortfall K VAR Excess KVAR , voltage, current and T HD all at a tine. By selection, it displays % harmonic from 3rd to 13th and capacitor values. It has built in facility to cut-off the capacitors in case of harmonic overload. It has password protected settings. It's built-in TEST mode enables to test the panel without CT current. Auto as well as Manual mode of operation are available in this relay.

- **ORDER CODE**
  PE- 6616
- **DESCRIPTION**
  Automatic Power Factor Controller

DISPLAY FEATURES

- Large alphanumeric LCD display (2 x 16 characters)
- LED indication for capacitor ON / OFF status

DISPLAY PARAMETERS

- Power factor
- Voltage
- Current
- Shortfall KVAR / Excess KVAR
- % THD
- **Selectable:**
  - 3rd to 13th harmonics
  - Capacitor Values
  - Settings

GENERAL FEATURES

- Intelligent KVAR based switching
- Friendly user interface
- Easy to install
- Large alpha-numeric display
- Available in 4 to 16 stages (available stages 4 ,6,8,12,,14,16)
- Number of stages can be configured at site

MECHANICAL SPECIFICATION

Dimensions	144 (L) x 144 (W) x 80(D) mm
Panel Cutout	138 mm x 138 mm
Weight	1.5 kg

CONTROL FEATURES

- Password protection for settings
- Site settable
  - % KVAR switching capacity
  - Target PF
  - CT primary
  - Switching delay
  - Lockout time for power ON
  - Harmonic(THD) Overload protection
  - Number of stages can be selected
- Capacitor disconnection in case of Low current
- Auto identification or Manual feeding of capacitor values
- Manual switching facility
- Test mode facility

ELECTRICAL SPECIFICATION

Voltage Input	415V AC +/15%
Current Input	--/5A
	--/1A (optional)
Frequency	50/60Hz
Low current	1% (50mA)
Switching Contact	10A at 250V AC
Accuracy	1 Class
Switching Interval	5 to 1200 sec
Switching Interval	Intelligent (Best fit)

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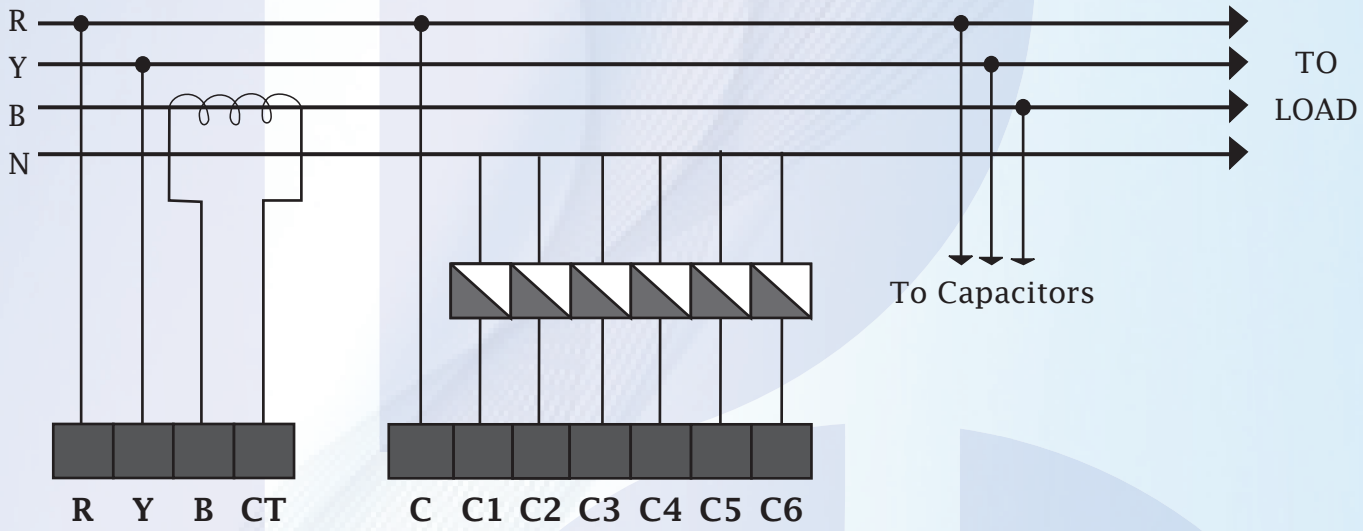
OPTIONAL FEATURES

- 3 Phase sensing (3CT) controller for unbalanced load system
- 1 sec switching delay
- Dual settings for Generator and EB Power factor
- HT CT sensing for HT applications

WIRING DIAGRAM



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