

# SYCON-55XX 2D

Automatic power factor controller



## SYCON

This 55 series version is similar to SYCON 55 series model of APFC in all respects except the display, the price and the size of the controller. It uses 2-digit 7-segment bright display for power factor indication. Two separate LEDs are used to give LEAD/LAG indication. It is smaller and lighter in weight than the regular SYCON 55 series model. This low cost version is very popular for smaller automatic power factor correction systems.

### Display Features

- Power factor
- LED indication of LEAD/LAG
- LED indication of capacitor ON/OFF status
- Settings

### Optional Features

- 1 sec switching delay
- --/1A CT input



### General Features

- FIFO switching
- Friendly user interface
- Easy to install
- Large 2-digit-7 segment display
- Available in 4,6 & 8 stages
- Low Cost

### Control Features

- Site settable Two Point Target PF
- Capacitor disconnection in case of low current
- Test mode facility

### Mechanical Specifications

Dimensions	96(L) x 96(W) x 110(D) mm
Panel Cutout	92 x 92 mm

### Electrical Specifications

Voltage Input	415V AC +/-15%
Current Input	--/5A
Frequency	50Hz
Low current	1.8% (90mA)
Switching Contact	10A at 250V AC
Accuracy	1 digit
Switching Time	5 sec

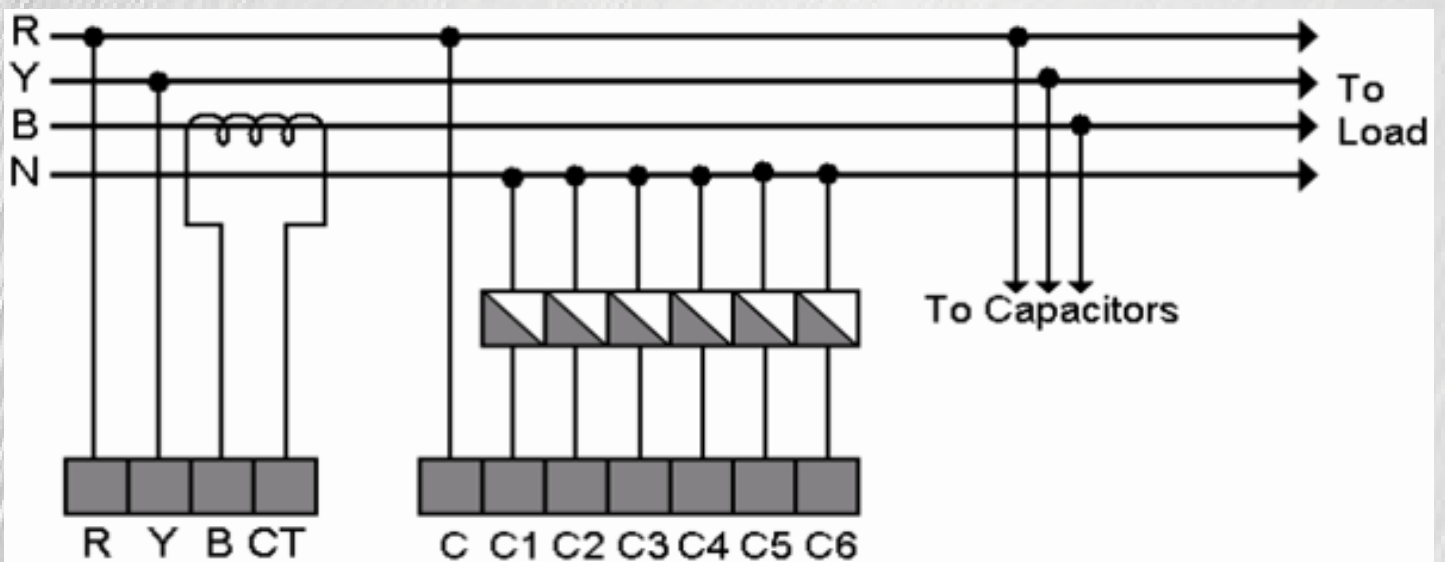
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### Wiring Diagram



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