

SYCON-55XX

Automatic power factor controller



This 55 series version uses microcontroller technology but with necessary and sufficient features. The main feature is two point setting to avoid hunting at site by user convenience which eliminates calculations and setting of C/K. The switching sequence is in "First In First Out" i.e. FIFO manner. It is very easy to install and its bright 4-digit 7-segment display makes it readable from distance.

Display Parameters

- Power factor
- LED indication of capacitor ON / OFF status

General Features

- FIFO Switching
- Friendly user interface Easy to install
- Large 4-digit 7-segment display
- Available in 4,6,8,12,16 stages Low cost

Control Features

- Site settable two point target PF
- Capacitor disconnection in case of low current
- Test mode facility

Mechanical Specifications

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

Electrical Specifications

Voltage Input	415V AC +/-15%
Current Input	--/5A --/1A (optional)
Frequency	50Hz
Over Voltage Release	470 V AC +/-1%
Low current	1% (50mA)
Switching Contact	10A at 250V AC
Accuracy	1 digit
Switching Time	5 sec

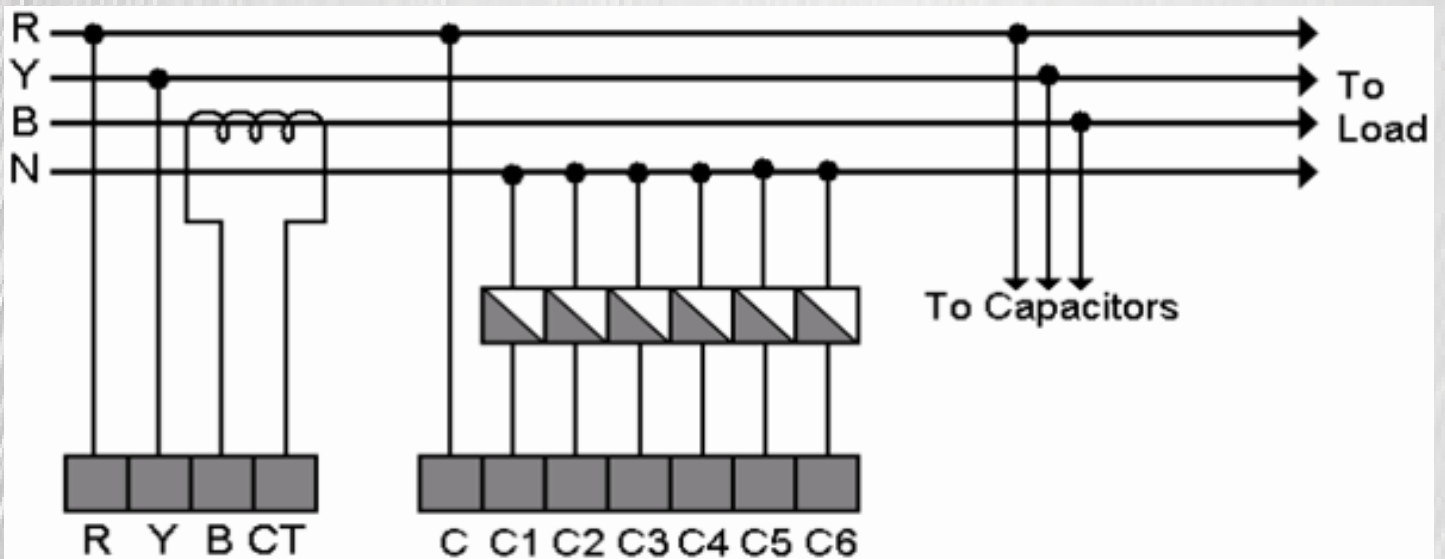


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Wiring Diagram



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