



# Automatic Power Factor Controller

## SYCON HFI 55\*\*

FIFO Switching  
User friendly handling  
Easy to install

### DISPLAY

Visual display of Power factor on seven segment LED.

Visual indication of connection of each step by LED.

### CONTROL

Advanced microcontroller based technology.

Adjustable Two point setting values of target COS  $\theta$ /SPAN  $\theta$ .

Fixed time delay of 5 to 6 sec ON / OFF capacitor.

Maximum number of steps 16.

Disconnection in case of low current

Manual switching facility.

Test mode facility for panel builder.

### OPTIONAL

3 phase sensing ( 3 CT ) controller



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## Technical Specification SYCON HFI 55\*\*

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Voltage input	: 415V ± 15%
Current input	: --/5A, --/1A(optional)
Frequency	: 50Hz ± 5%
Over voltage release	: 470V ± 1%
Low current	: 1.8 % In (50 mA)
Switching contact	: 10Amp at / 250Vac
Switching interval	: 5 to 6 sec
Switching program	: FIFO( first in first out)
Stages	: 4to16
Accuracy	: 1 % ( ± 1 digit)
Target pf	: 0.71 lag to 0.95 lead
Mode	: Auto/ manual
Display	: Power factor on seven segment display
Dimension	: 144*144*120mm

Note : Due to continuous development of the product the specification may change.



ISO 9001: 2000

## OUR PRODUCTS RANGE

### Automatic Power Factor Controller

- ◆ HFI 66\*\* ◆ HFI 55\*\*
- ◆ HFI 55\*\*-2D ◆ HFI 5503-ND

### Automatic KVA Demand Controller

- ◆ SYCON 43\*\* ◆ SYCON 44\*\*
- ◆ SYCON 43\*\*SS

### Comprehensive Motor Protection Relay

- ◆ SYCON 2210 ◆ SYCON 2200
- ◆ SYCON MMR

Earth Leakage & Panel Meters

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