



Power Factor is an important Electrical parameter needing control. State of the art micro control based APFCR type 1305 is specially designed to control the power factor of an installation by giving signals to switch capacitors on and of in a FIFO/FILO manner accordingly and reliably.

The controller is housed in a Compact Flush Panel mounting enclosure of size 144 x 144 DIN and has all the required controls and indications arranged on the front panel. High barrier / shrouded terminals are provided at the rear of the case for external connections.

Solid state comonents are used throughout with the exception of the electromechanical relays for the external switching for high reliability and compactness. The construction is rugged, designed for years of trouble free service.

Features :

- ⇒ Micro control Field proven design.
- ⇒ Available in 4, 8, 12, 16, stages.
- ⇒ Accurate measurement & user Friendly operation
- ⇒ Built in Auto / Manual control.
- ⇒ Calibrated PF setting & dead band.
- ⇒ Built in digital timer for fast operation ensures capacitor safety.
- ⇒ Built in self / test facility.
- ⇒ Auto detection for low current & external wrong connection indicaton
- ⇒ Control power factor directly regardless of size of capacitor.
- ⇒ Low current cut off at 1%.
- ⇒ Choice of sequence FIFO/FILO/Binary. (any one)
- ⇒ Available for LT & HT application.
- ⇒ Compact DIN flush mounting 144mm x 144mm x 100mm depth.

The controller is housed in a Compact Flush Panel mounting enclosure of size 96 x 96 DIN and has all the required indications arranged on the front panel. High barrier / shrouded terminals are provided at the rear of the case for external connections.

The Controller is the centre of the Automatic Power Factor Control System. It switches the connected capacitors on and off so that the power factor is maintained at target value. The instrument is Microcontroller based. It is compact, reliable and uses the latest state of the art technology.

neon APFCR type 1341 is used to compensate the Power Factor of Major on / off loads such as compressor, Utility supply transformer and work as a regular power factor control relay. It is available for three phase as well as for single phase application. The single phase relay is used for unbalance load where as three - single phase systems are used in star connections. The relay is available in FIFO / Binary sequence. Unless & otherwise specified, FIFO sequence is supplied. The controller is factory programmed & designed to provide the best possible Power Factor under system conditions.

Features :

- ⇒ Field Proven Design.
- ⇒ Compact DIN flush mounting 96x96mm width with 70mm depth.
- ⇒ Low cost efficient A P F C Relay.
- ⇒ Built in all Factory Set Parameter.
- ⇒ Built in Digital Timer for fast operation to ensure capacitor safety.
- ⇒ Available in 4, 6, 8 Stages.
- ⇒ F I F O / Binary sequence available on request.
- ⇒ Auto detection for Low Current and external wrong connection indication.
- ⇒ Digital P F Meter for accurate measurement.
- ⇒ Built in low current cut off at 1%.

