

saving energy losses everywhere .....

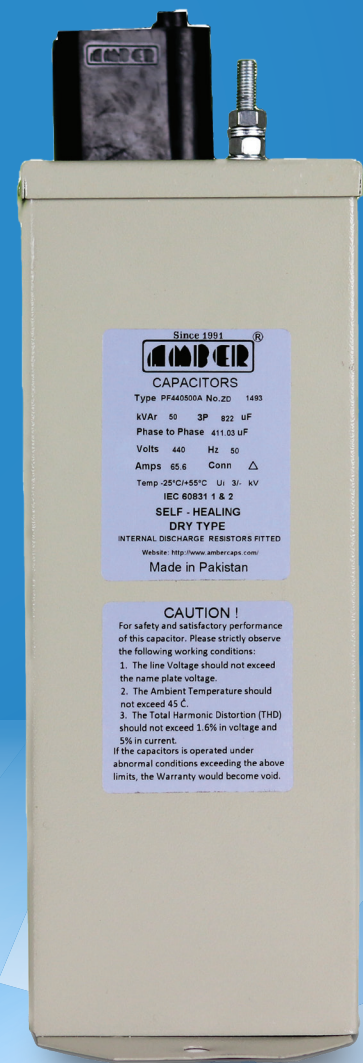
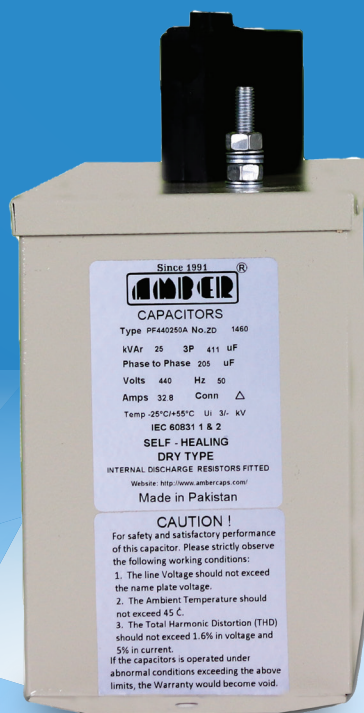


**AMBER CAPACITORS LIMITED** is an ISO 9001:2015 certified company. The Company was established in 1991 by Chairman Engr. Ata-ur-Rahman Arain (Late), and continues to grow under the able guidance of Chief Executive Engr. Farhan Ata Arain.

**AMBER** specializes in manufacturing low voltage capacitors of many types, including Three and Single phase capacitors for Industrial Power- Factor Correction.

What sets **AMBER** apart from competition is the fact that **AMBER** capacitors are especially designed and tested to suit the local conditions. Right from selection of Raw Materials, up till Testing and R&D, special focus is towards quality and performance in Pakistani environment. This strict quality control is backed by a rock-solid performance warranty for better satisfaction and assurance of the customer.

PF Series





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ISO 9001:2015  
CERTIFIED

## PF Series

### • Design / Construction

AMBER series 'PF' Low Voltage Three Phase Power Capacitors in 'Resin Encapsulated - Dry Type' design are manufactured out of Modules made of Low Loss Self-Healing Metallized Polypropylene Film, encapsulated in resin. The modular construction allows repair and maintenance of the assembly at the component level.

### • Technical Specification

**Discharge Resistors:** Fitted to reduce the voltage to a level below 75V within 3 minutes of switch-off.

**Termination:** Plated Terminals for termination of Cables.

**Housing:** Electrostatically Powder Coated MS sheet, 1 mm.

**Specifications:** IEC 60831 (2014-021 Parts 1 & 2 "Shunt Power Capacitors of the self-healing type for AC Systems having a rated voltage up to and including 1000 V"

**Temperature Category:** -25°C / D (Minimum ambient air temperature: -25°C, Maximum ambient air temperature during a year: +55°C  
Highest mean over any period of 24 hours: +45°C, Highest mean over any period of 1 year: +35°C)  
Other temperature ranges can be inquired.

**Application:** In-door.

**Rated Voltage:** 415, 440, 460 and 500 VAC (Other rating are also available on demand)

**Rated Frequencies:** 50 Hz (60 Hz Can be provided on demand).

**Connections:** 415, 440V: Delta 460, 500V: Star/Wye

**Continuous Overvoltage:** 1.1  $U_N$  (except transients).

**Continuous Current:** 1.3  $I_N$  (except transients).

**Losses:** Less than 0.5 W / kVar.

**Test Voltage: Between Terminals:** 2.15  $U_N$  AC for 2 seconds **Terminal to Case:** 3 kV AC for 10 seconds.

**Tolerance:** - 5% / + 10%

**kVar Range:** Please refer to the data given on the next pages. For ranges not mentioned there, please enquire.

For other requirements of voltages and kVar, please inquire.

## AMBER CAPACITORS LIMITED

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