

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.

CI Series





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ISO 9001:2015
CERTIFIED

CI Series

• Design / Construction

AMBER series 'CI' Low Voltage Power Capacitors in "Impregnated & Protected" design are manufactured out of Low Loss Self-Healing Metallized Polypropylene Film (MPP), impregnated in non-PCB oil of low viscosity. The capacitors incorporate internal pressure disconnection system which fully protects the capacitors against bursting in case of fault.

• Technical Specification

Protection: Pressure interrupter device that protect capacitor against burst, fire short circuit etc. in condition of internal faults.

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

Housing: Cylindrical Aluminum Can with mounting stud.

Specifications: IEC 60831 (2012-08) 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. 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)

Application: In-door. The capacitors are specially suited for environments having consistently high ambient temperatures and high harmonic levels.

Rated Voltage: 230, 240, 400, 415, 440, 460, 480 VAC.

Rated Frequencies: 50 / 60 Hz.

Connections: For three phase capacitors: Delta.

Losses: Less than 0.5 W / kVAr.

Continuous Overvoltage: 1.1 Un (except transients).

Continuous Current: 1.3 In (except transients).

Test Voltage: Between Terminals : 2.15 Un AC for 2 seconds

Tolerance: - 5% / + 10%

Protection: Over-pressure disconnection. (Connections to be made only with flexible strips or flexible cables, a clearance of at least 10 mm are required above the capacitor.)

Installation: Vertical upward (In-door use only)

For other requirements of voltages and kVAr, please inquire.

AMBER CAPACITORS LIMITED

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