



Parto Khazen Co.

No. 15, 1st. Alley, Gandi Ave.,  
15176 Tehran, Iran  
Tel: (+98 21) 88882956-8  
Fax: (+98 21) 88882959

## Certificate Of Compliance

12.5 KVAR /400 V /50HZ

**Product: Power Factor Correction Capacitor (PFC)**

**Model: PAC 3 Phase (  $\Delta$  Connection)**

### **Technical Specifications:**

- |                             |   |   |
|-----------------------------|---|---|
| - Rated Power:              | 12.5 KVar   | - Protection: Overpressure Disconnecter         |
| - Rated Voltage:            | 400 Vac   | - Terminal Type: ST (Modular Polyamide)         |
| - Rated Frequency           | 50 Hz   | - Filling Material: Non PCB – N2 Gas            |
| - Capacitance:              | $3 \times 82.9 \mu F$ <sup>+5%</sup> <sub>-5%</sub> | - Fixing: M12                                   |
| - Operating Temp.:          | -25 °C/+55 °C                                       | - Max. Permissible Torque on Stud: ---          |
| - Expected Life:            | 100,000 hrs   | - Mounting: Vertical & Horizontal               |
| - Discharge Resistor:       | 270 k $\Omega$ , 2 W, $\Delta$                      | - Can: Aluminum                                 |
| - Discharge Time:           | 60 Sec  | - Lid: Aluminum                                 |
| - Max. Permissible Voltage: | 1.1 Un  | - Dimension (D $\times$ H) : 70 $\times$ 280 mm |
| - Max. Permissible Current: | 1.3 In  |   |

### **Routine Tests:**

- Voltage Test Between Terminals: 860 Vac, 2 Sec. (Type Test: 860 Vac, 10 Sec.)
- Voltage Test Between Case and Terminals: 3.6 KVac, 2 Sec. (Type Test: 3 KVac, 60 Sec.)
- Sealing Test: 85 °C, 2 hrs.
- Test Of The Discharge Device
- Capacitance Measurement
- Measurement of the Tangent of the Loss Angle ( $\tan\delta$ )
- Lightning Impulse Voltage Test: (Type Test: 8 KV )

**It's hereby Certified these Products are tested and inspected according to International Standard IEC 60831 (2014) and all your expectations have been met therein.**

F8-62-25/0

*Authorized Sign.*  
*Quality Control*