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## Certificate Of Compliance

1 KVAR /400 V /50HZ

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

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

### **Technical Specifications:**

- |                             |  |   |
|-----------------------------|--|---|
| - Rated Power:              | 1 KVar   | - Protection: Overpressure Disconnecter         |
| - Rated Voltage:            | 400 Vac  | - Terminal Type: TAK (Modular Polyamide)        |
| - Rated Frequency           | 50 Hz  | - Filling Material: Non PCB - Castor Oil        |
| - Capacitance:              | $3 \times 6.6 \mu F$ <sup>+5%</sup> <sub>-5%</sub> | - Fixing: M8                                    |
| - Operating Temp.:          | -25 °C/+55 °C                                      | - Max. Permissible Torque on Stud: ---          |
| - Expected Life:            | 100,000 hrs  | - Mounting: Vertical & Horizontal               |
| - Discharge Resistor:       | 1 M $\Omega$ , 0.5 W, $\Delta$                     | - Can: Aluminum                                 |
| - Discharge Time:           | 60 Sec   | - Lid: Polyamide                                |
| - Max. Permissible Voltage: | 1.1 Un   | - Dimension (D $\times$ H) : 45 $\times$ 139 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*