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## Certificate Of Compliance

40 KVAR /440 V /50HZ

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

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

### **Technical Specifications:**

- |                             |  |  |
|-----------------------------|--|--|
| - Rated Power:              | 40 KVar  | - Protection: Overpressure Disconnecter          |
| - Rated Voltage:            | 440 Vac  | - Terminal Type: BT                              |
| - Rated Frequency           | 50 Hz  | - Filling Material: Non PCB – Castor Oil         |
| - Capacitance:              | $3 \times 219.3 \mu F$ <sup>+5%</sup> <sub>-5%</sub> | - Fixing: M12                                    |
| - Operating Temp.:          | -25 °C/+55 °C  | - Max. Permissible Torque on Stud: 15 N.m        |
| - Expected Life:            | 100,000 hrs.   | - Mounting: Vertical & Horizontal                |
| - Discharge Resistor:       | 68 k $\Omega$ , 3 W, Double Y                        | - Can: Aluminum                                  |
| - Discharge Time:           | 60 Sec.  | - Lid: Aluminum                                  |
| - Max. Permissible Voltage: | 1.1 Un   | - Dimension (D $\times$ H) : 116 $\times$ 370 mm |
| - Max. Permissible Current: | 1.3 In   |  |

### **Routine Tests:**

- Voltage Test Between Terminals: 950 Vac, 2 Sec. (Type Test: 950 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 831 (2014) and all your expectations have been met therein.**

F8-62-25/0

*Authorized Sign.*  
*Quality Control*