PKC
Parto Khazen Co.

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Certificate Of Compliance

40 KVAR /525 V /50HZ

Product: Power Factor Correction Capacitor (PFC)

Model: PAC 3 Phase (Δ Connection)

Technical Specifications:

- ***Rated Power:*** ***40 KVar***
- ***Rated Voltage:*** ***525 Vac***
- ***Rated Frequency:*** ***50 Hz***
- ***Capacitance:*** ***3 × 154.1 Mf*** $^{+5\%}_{-5\%}$
- ***Variation In Capacitance Due To Temp. Variation:*** ***At Lowest Ambient Temp 0.5%*** ***At Upper Ambient Temp -0.33%***
- ***Tangent Losses Angle:*** ***0.5 W/KVar***
- ***Operating Temp.:*** ***-25 ℃/+55 ℃***
- ***Max. Permissible Long Duration Over Voltage:*** ***8h***
- ***Max. Temporary Over Voltage And Duration:*** ***1.1Vn***
- ***Expected Life:*** ***100,000 hrs.***
- ***Discharge Resistor:*** ***82 KΩ, 3 W, Y***
- ***Discharge Time:*** ***120 Sec.***
- ***Max. Permissible Voltage:*** ***1.1 Un***
- ***Max. Permissible Current:*** ***1.3 In***
- ***Protection: Overpressure Disconnector***
- ***Terminal Type: BT (Modular Polyamide)***
- ***Filling Material: Non PCB – N2 Gas***
- ***Fixing: M12***
- ***Max. Permissible Torque on Stud: 15 N.m***
- ***Insulation Level Between Terminal And Container Power Frequency/Impulse:*** ***3.6/8KVac***
- ***Teperature Rise For Container Hottest Point Above Ambient At Rated Power: 65°C***
- ***Temperature Rise: ---***
- ***Weight Of Each Capacitor:*** ***3450gr***
- ***Thickness Of Container Body: 0.75mm***
- ***Mounting: Vertical & Horizontal***
- ***Can: Aluminum***
- ***Lid: Aluminum***
- ***Dimension (D × H) : 116 × 370 mm***
- ***Accessories(Plastic Cap & Rubber Sleeve): Plastic Cap***

Routine Tests:

- ***Voltage Test Between Terminals: 1128 Vac, 2 Sec. (Type Test: 1128 Vac, 10 Sec.)***
- ***Voltage Test Between Case and Terminals: 3.6 KVac, 2 Sec. (Type Test: 3 KVac, 60 Sec.)***
- ***Sealing Test: 85 ℃, 2 hrs.***
- ***Test of the Discharge Device***
- ***Capacitance Measurement***
- ***Measurement of the Tangent of the Loss Angle (tangδ)***
- ***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