



Power Factor Controller

RISH PFC 08L



Measure



Control



Record



Analyze

Characteristics

- Suitable for Inductive Reactive power compensation
- Minimum user intervention by Auto CT polarity correction, Auto bank value detection ,Connected bank count, makes device plug and play
- Versatile capacitor bank input methods
 - Direct capacitor bank value,
 - Control series,
 - Auto capacitor bank value detection
- Low voltage, high voltage, undercurrent fault detection and capacitor protection
- Intelligent bank algorithm for optimum bank switching
- 4 / 6 / 8 relay configuration
- Auto number of bank detection and blocking of non connected banks
- Minimum system settings in auto mode
- User configurable connection ,disconnection, discharge timings



Features

Display	- 3 digit 7 Segment display (digit height 14mm)
System parameters displayed	- Real-time cos phi

Technical Data

Weight	0.25 kg
Case	Panel-mounted instrument, 96 × 96 × 35 mm (Back Depth 55mm with add on bank module) (cut out 92 ^{+0.8} × 92 ^{+0.8} mm)
Ambient conditions <ul style="list-style-type: none"> - Over-voltage class - Pollution degree - Operating temperature - Storage temperature - Sensitivity to EMC - Safety guidelines - Mounting position - Humidity class 	III 2 0 ... +55 °C 0 ... +60 °C IEC 61326-1:2012, Table 2 IEC 61010-1:2010 Flush Mounting 15% ... 95% non-condensing
Protection class <ul style="list-style-type: none"> - Front plate - Rear side 	I P50 to IEC60529 IP20 to IEC60529



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<p>Operation</p> <ul style="list-style-type: none"> - Auxiliary Supply voltage - Auxiliary Supply frequency - Target cos phi - Connection and disconnection times - Discharge Time - Control modes 	<p>80 VAC – 300 VAC</p> <p>50-60 Hz</p> <p>Fixed to 0.99 Inductive</p> <p>5...999 seconds</p> <p>10...999 seconds</p> <p>Self-optimized intelligent control mode</p>
<p>Measurement</p> <ul style="list-style-type: none"> - Measurement voltage range - Fundamental frequency - Measurement current (CT) - Minimum operating current - Maximum current - Accuracy Power Factor 	<p>80 ... 300 VAC , 240 V nominal</p> <p>50-60Hz</p> <p>1A / 5A</p> <p>10 mA</p> <p>6 A (sinusoidal)</p> <p>$\pm 2^\circ$</p>
<p>Switching outputs (Relay outputs)</p> <ul style="list-style-type: none"> - Number of outputs - Switching voltage/Power 	<p>4 / 6 / 8 steps (To be specified while ordering)</p> <p>Max. 250 VAC / 1000W</p>



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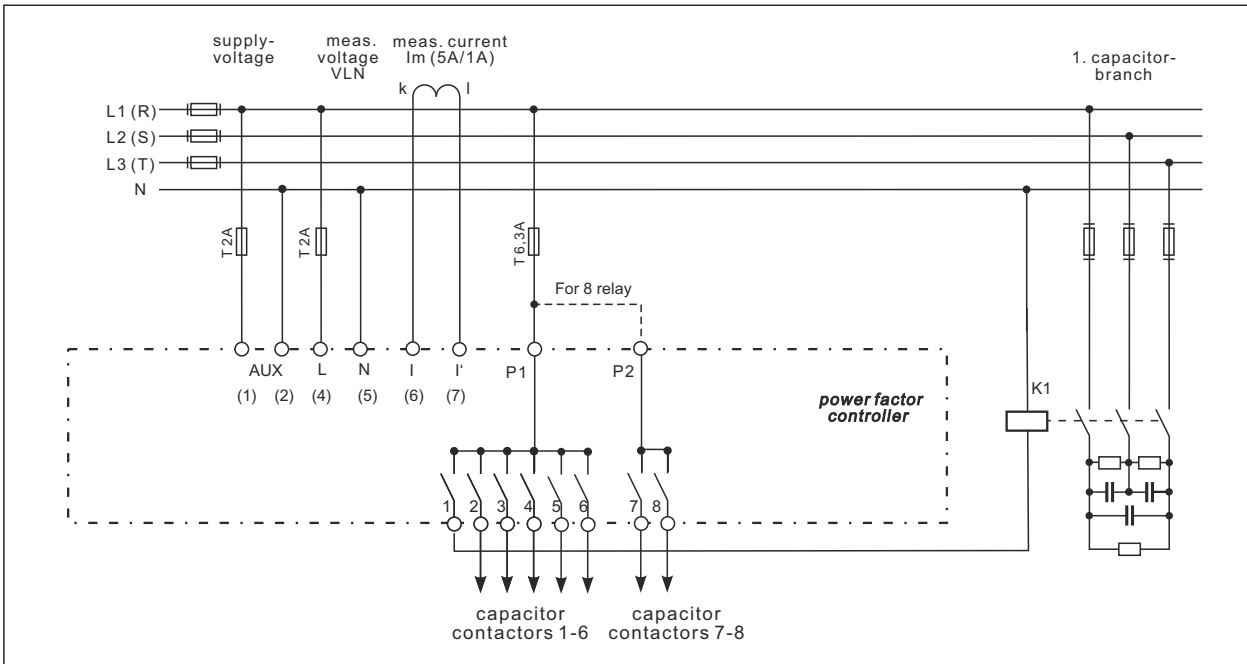


Record

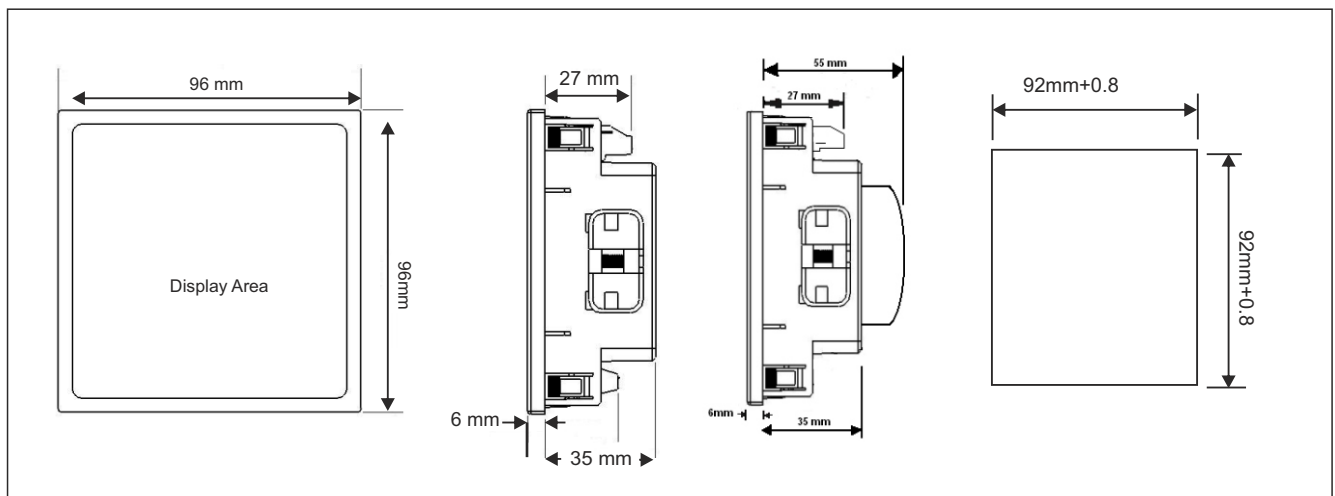


Analyze

Connection plan



Dimensions :



Type A

Type B

Type - A (4 / 6 relays) Type - B (8 relays)

Optional Accessories

1. Mounting plate 144x144
2. Clamping screws



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All specifications are subject to change without notice



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