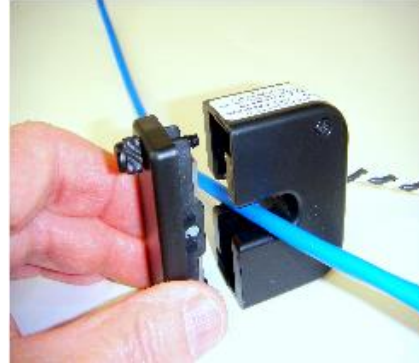


# Model PQ4LN01,5,10-D

## Precision Split Current Transformers

Low Input Amps with Low Voltage Output 0.4" Window:

- Accuracy 0.5%
- Phase Shift <60' Typical
- Removable Leg - Easy To Install
- 1A, 5A, 10A Ranges
- Wide Bandwidth 50Hz to 1KHz
- Excellent Low Current Sensitivity
- ETL Recognized per UL506
- Comes with D-BMI TR type connector



PQ4LN is an indoor type CT. An internal voltage setting resistor sets the full scale output voltage to 1500 mV to be compatible with D-BMI instruments- this resistor also provides open circuit shock protection.

The removable leg contains a lapped spring loaded core that mates with the precision core in the main housing. The phase displacement is adjusted to be within +/-60'.

**Input Current:** 50/60Hz sinewave or distorted sinewave, single phase

**Power Factor:** Any load power factor from 0.5 to 1.0 either lead or lag

**Voltage Rating:** 600VAC -- tested per UL506

**Interface Impedance:** Minimum of 100,000 Ohms resistive (negligible loading)

**Output:** 1500 Millivolts AC for full scale 1,5,10 amps

**Ratio/Linearity Accuracy:** 0.5% <0.1% available on special order>

**Phase Displacement or Shift:** 60' or less @ 50/60Hz

**Phase Connection Relationship:** White wire positive with arrow towards source

**Bandwidth:** 50Hz to > 1KHz within 3db

**Temperature Affects:** Less than 0.05% deviation in output voltage from -20°C TO +50°C

**Construction:** Plastic ABS/PVC UL94-VO ; removable leg uses 2 knurled nylon screws. Twisted pair of leads 2 meters long to D-BMI TR connector. Compatible with new portables and 61000 instruments.

PQ4LN01-D 10 ma to 1000 ma over range to 5 amps

PQ4LN05-D 100 ma to 5.0 a over range to 25 amps

PQ4LN10-D 100 ma to 10 a over range to 200 amps

Order from : [info@powerquality.org](mailto:info@powerquality.org)

Power Quality Inc,

642 E 39<sup>th</sup> Pl #5 ,

Yuma, AZ 85365

1-928-344-9008 fax 1-928-344-8847