

Models PQLC45 (01,05,10) – TR option Clamp on Current Transformers

Low Input Amps 1, 5, 10A with Low Voltage Output
0.4" Window:

- Accuracy 0.5%
- Phase Shift < 0.5° (Typical)
- Clamp on CT Easy to Install
- 1A, 5A, 10A models
- Wide Bandwidth 45 Hz to 5 kHz (3dB)
Extended Bandwidth 35 Hz to 7.5 kHz (5dB)
- Excellent Low Current Sensitivity
- UL 916 listed



PQLC45 (01,05,10) is an indoor type CT. An internal voltage setting resistor sets the full-scale output voltage to 1500 mV -- this resistor also provides open circuit shock protection.

The snap lid contains a lapped spring-loaded core that mates with the precision core in the main housing. The phase displacement is within < 0.5° (Typical).

Input Current: 50/60Hz sinewave, single phase – PQLCF45(-5A) range 5.0 ma to 6 amp

Accuracy specification applies for PQLCF45 (-10A) Range 10 ma to 12 amp

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

Voltage Rating: 600VAC -- tested per UL506 and IEC 61010-1

Interface Impedance: Minimum of 100,000 Ohms resistive

Output: 1500 Millivolts AC for full scale 1 or 5 or 10 amps PQLC01,05,10

Output cable: 4 meters shielded to TR connector

Ratio/Linearity Accuracy: 0.5%

Phase Displacement or Shift: < 0.5° (Typical)

Phase Connection Relationship: White wire positive with arrow towards source of current

Bandwidth: 45 Hz to 5kHz within 3db

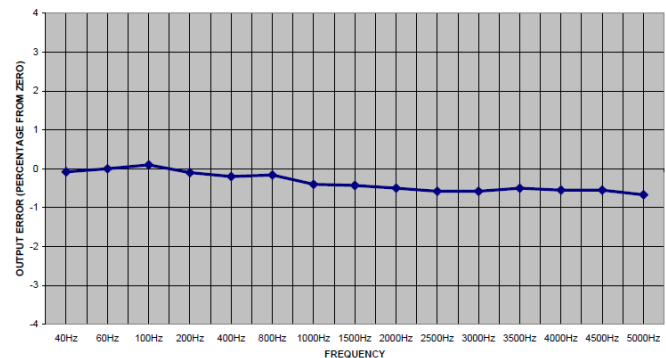
Extended Bandwidth 35 Hz to 7.5 kHz within 5 dB

Start Current and/or burden current Less than 0.001 Amps. (Negligible)

Temperature Affects: Less than 0.05% deviation in output voltage from -40°C TO +55°C

Construction: Plastic ABS/PVC UL94-VO;
with snap lid

Manufactured in USA. UL listed



Order from: info@powerquality.org

Power Quality Inc, 642 E 39th Pl #5, Yuma, AZ 85365

Tel: 1-928-344-9008, Fax: 1-928-344-8847