



**NETWORK
TECHNOLOGIES
INCORPORATED**

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E-PTxx Power Transducers H8040 Series Engineering Specifications

1. The transducer shall consist of three split-core CTs hinged at both axes with the electronics embedded inside of the master CT.
2. The transducer shall measure true (rms.) power demand (kW).
3. kW shall be expressed as a 4 to 20 mA signal.
4. The transducer shall be directly powered by and measure any voltage from 208-480 VAC.
5. The transducer shall be calibrated as a system and be accurate to +/- 1% from 7 % to 100 % of the rated current over a temperature range of 0-60^o C.
6. The transducer shall conform to ANSI C12.1 metering accuracy standards.
7. The transducer shall be internally isolated to 2000 VAC.
8. The transducer case isolation shall be 600 VAC.
9. The transducer series shall have models available for amperage ranges of 100-2400 Amps.
10. The transducer shall be Network Technologies Inc model E-PTxx (H8040 Series)