



ERMCO

ERMCO – 1Ø polemount step distribution transformer

ERMCO's pole step is a distribution class transformer specifically designed for secondary voltages above 600 volts. The ERMCO pole step provides a cost effective method to connect distribution systems of differing voltages. A typical application would be to use the ERMCO pole step to connect an older 2400 volt line into the modern 14400 volt system.

| KVA | RANGE OF AVAILABLE COIL VOLTAGES | |
|------|----------------------------------|----------------|
| | PRIMARY | SECONDARY |
| 25 | 2400V - 19920V | 2400V - 14400V |
| 37.5 | 2400V - 19920V | 2400V - 14400V |
| 50 | 2400V - 19920V | 2400V - 14400V |
| 75 | 2400V - 19920V | 2400V - 14400V |
| 100 | 2400V - 19920V | 2400V - 14400V |
| 167 | 2400V - 19920V | 2400V - 14400V |
| 250 | 2400V - 19920V | 2400V - 4800V |

Standard Features

- Meets or exceeds applicable ANSI, NEMA standards
- Mild steel tank, cover, and galvanized band
- Corrosion resistant power coat finish ASA 70 gray
- Laser engraved nameplate
- Mineral oil

Optional Features

- 304L stainless steel tank, cover, and band
- Various colors
- Customer specified decals or stencils
- Natural ester oil
- Fuses and switches
- Lightning arresters
- Gauges and or valves

When the pole step is connecting two differing distribution lines, the secondary line may be quite long. The probability of a secondary fault or short circuit increases by the length of the line. As more wire is exposed to the elements, there is increased opportunity for a short circuit from ice, trees, wildlife, and so on.

For optimum reliability, ERMCO designs and manufactures the pole step transformer with emphasis on short circuit withstand. ERMCO has electrically tested our family of pole step transformers at a high power testing lab to ensure we meet or exceed the ANSI/IEEE standards for short circuit withstand.

Certified test reports are available by contacting ERMCO.



Visit our website:
www.ermco-eci.com