

TR2500 Current Probe

Guidelines

To achieve the rated accuracies, follow these guidelines:

- The conductor must be at a right angle to the probe
 - The conductor must be centered in the probe core
 - The jaw contact surfaces must be clean and properly aligned.
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Specifications

Range: 1 to 500 Arms

Accuracy:

48 to 400 Hz: $\pm 1.5\%$ reading $\pm 0.6A$

400 to 3000 Hz: $\pm 3\%$ reading $\pm 0.8A$

Working voltage: 600 V max.

Frequency range: 48 to 3000 Hz

Output signal: 3 mV/A

Maximum conductor size: 1.18" (30 mm)

Maximum bus bar size: 2.5 x 0.20" (63 x 5 mm)

Phase shift (45 to 1000 Hz): Less than 4°

Operating temperature: 14 to 122 °F (-10 to 50 °C)

Storage temperature: -40 to 158 °F (-40 to 70 °C)

Dimensions: 2.60 x 7.68 x 1.34" (66 x 195 x 34 mm)

Weight: 14.82 oz. (420 g)

NOTE

Current probe TR2500 can be used interchangeably with TR2500A.
