



# NEW PRODUCT RELEASE

## MAGNETICS



## Bourns Releases New Current Transformer

### Model PCP300-T414250S

Riverside, California - May 28, 2025 – Bourns Magnetics Product Line is introducing the new Model [PCP300-T414250S](#) Current Transformer.

The Current Transformer is a new category of product, with this new model designed for power systems. This new transformer features a permalloy T-core construction that provides high permeability and low energy losses.

The Model PCP300-T414250S offers an operating temperature range of -40 to +85 °C and is well-suited for high frequency current sensing, power meters, and motor load measurement.

#### Characteristics:

Model	I <sub>r</sub> (A)	V <sub>max</sub> (V)	T <sub>e</sub> (Typ.)	DCR (Ω)	Frequency
PCP300-T414250S	75	12	2512 Ts	160 max.	20 Hz – 1 kHz

Please visit Bourns website at [www.bourns.com](http://www.bourns.com) for additional product details and contact [Bourns Customer Service/Inside Sales](#) if you have any questions.

#### Features

- High turns ratio
- Max. primary continuous current: 300 A
- Insulation voltage: 3500 VAC
- RoHS compliant\* and halogen free\*\*

#### Applications

- High frequency current sensing
- Power meters
- Motor load measurement

#### Additional Information



DATA SHEET



PRODUCT SELECTOR



TECHNICAL LIBRARY



INVENTORY



SAMPLES



CONTACT

\* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

\*\* Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

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