BOURNS®

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	Ir (A)	Vmax (V)	Te (Typ.)	DCR (Ω)	Frequency
PCP300-T414250S	75	12	2512 Ts	160 max.	20 Hz – 1 kHz

Please visit Bourns website at 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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