



Encompass Current Transformers (600V)

Encompass™ Current Transformers from GE offer electrical utilities piece of mind knowing they'll have the right CT in stock. Upgrade today and eliminate the need for multiple current ratios, thereby simplifying CT selection.

Application

Encompass wide range CTs are designed for commercial and industrial applications. Encompass CT's substantially reduce inventory, complexity and improve standardization for meter shop operations, particularly when used with GE's kV2c FITZALL™ transformer rated meters.

- JCR-0W, 10A-1000A, 2" Window, Indoor/Outdoor
- JAK-0W, 20A-2000A, 3" Window, Indoor/Outdoor
- JAB-0W, 20A-3000A, 4.5" x 3.5" Window, specifically designed for secondary bushing of pad mount transformers
- JAD-0W, 40A-4500A, 5.75" Window, Indoor/Outdoor

Features

- Meets IEEE C57.13 definition of 0.3 Standard Revenue Metering accuracy class, with additional extended range performance capability
- The same ANSI mounting provisions, terminals, construction as standard CT's

Benefits

- Reduce inventory requirements
- Reduce part numbers
- Simplify CT selection
- Simplify billing multiply

Encompass CT vs. Standard CT

To demonstrate the advantages of upgrading to an Encompass CT, let's compare a **JAK-0W 500:5** Encompass CT to a **JAK-0C 200:5** standard CT

Physically, the JAK-0W 500:5 Encompass CT:

- Is lighter
- Has the exact same mounting plate
- Has the exact same terminal locations
- Has the exact same window size

Electrically, the accuracy of a JAK-0W 500:5 is equivalent or better than the accuracy of a JAK-0C 200:5 across all test points. This can be looked at two ways:

A 500:5 Encompass CT has $\pm 0.3\%$ accuracy from 200A to 2000A, compared to a standard 200:5 CT which has a $\pm 0.3\%$ accuracy from 200A to only 800A. Both CT's have $\pm 0.6\%$ accuracy from 20A to 200A.

200:5 Standard CT



500:5 Encompass

