

POWER MONITORING

CURRENT TRANSFORMERS

MODEL 189

DESCRIPTION

The **Model 189** is a low ratio, wound primary current transformer that provides a low amperage current output proportional to line current for use in energy management control, relaying, and metering.

The **Model 189** can support a higher burden than low ratio ring type CTs. This makes the **Model 189** ideal for applications below 100A that have a high burden due to a meter, transducer, or long wiring run. The **Model 189-005** (5:5 ratio) provides isolation in a CT circuit, which is useful in systems using a common CT return or when connecting into existing CT circuits.

FEATURES

- *Excellent for high burden loads and long wiring runs*
- *Take advantage of existing current transformers with Model 189-005*
- *Better resolution over ring type CTs on low amp power monitoring applications*



| SPECIFICATIONS | |
|--|---|
| Insulation class | 600V, 10 kV BIL |
| Continuous thermal current rating factor | 1.33 @ 30°C ambient (86°F) 1.0 @ 55°C ambient (131°F) |
| Frequency | 50-400 Hz |
| ANSI metering class | 0.6% @ B0.1(2.5 VA), B0.2 (5 VA) |
| Primary burden | 0.9 VA |
| Approvals | UL recognized, File #93779, CSA certified, File #LR89403 |
| Weight | 0.75 lb (0.34 kg) |
| Dimensions | 3.2"H x 2.7"W x 4.1"D (8.1 x 6.9 x 10.4 cm) |

| ORDERING INFORMATION | | | |
|----------------------|---------------|---------|---------------|
| MODEL | CURRENT RATIO | MODEL | CURRENT RATIO |
| 189-0025 | 2.5:5 | 189-030 | 30:5 |
| 189-005 | 5:5 | 189-040 | 40:5 |
| 189-0075 | 7.5:5 | 189-050 | 50:5 |
| 189-010 | 10:5 | 189-060 | 60:5 |
| 189-015 | 15:5 | 189-075 | 75:5 |
| 189-020 | 20:5 | 189-080 | 80:5 |
| 189-025 | 25:5 | 189-101 | 100:5 |

Model 189-005 is a stock item.
IMPORTANT! Shaded items are special order and cannot be returned for credit.

WIRING / TYPICAL APPLICATIONS

