

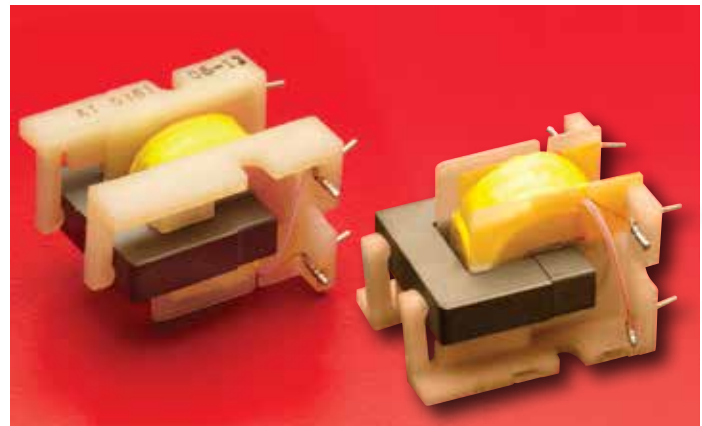
SNAP-ON LOAD DETECTORS/ HIGH SENSITIVITY CURRENT SENSORS



Current Transformers

LD-50 Load Detector

- The revolutionary LD-50 snap-on load detector mounts on pre-wired systems without disrupting existing connections
- Broad frequency response: 30Hz to 15 kHz
- Measures currents up to 40 Amps RMS continuous, 120 Amps intermittent
- High reliability long lasting magnetic device
- Output linear to within 3% from 2A to 20A of Input
- Excellent for low budget energy management and automation control
- Available pre-assembled or unassembled, to snap over existing wiring
- Range of new applications such as monitoring relays and lamps, Hi/Low current limits, instrumentation, solid state switchgear, motor control, and much more
- Operating temperature: -55°C to 120°C



Electrical Characteristics

| VL Volts | RL Ohms | Is Amps | Sec DCR Ohms | Sec Ind H | Accy at 100% Ip | Accy at 10% Ip |
|-------------|------------|------------|--------------------|-----------------|-----------------------|-------------------|
| 2.0* | 100 | 0.02* | 36 | 1.1 | 1.0% | 0.3% |

| Part No. | Load Current Ip(A) | Turns Ratio | Pri Ind mH | Pri DCR Ohm |
|----------|-----------------------|-------------|---------------|----------------|
| 5361 | 0.05 | 1000:400 | 176 | 15 |
| 5362 | 0.1 | 1000:200 | 44 | 3.7 |
| 5363 | 0.2 | 1000:100 | 11 | 0.93 |
| 5364 | 0.5 | 1000:40 | 1.76 | 0.15 |
| 5365 | 1 | 1000:20 | 0.44 | 0.038 |
| 5366 | 2 | 1000:10 | 0.11 | 0.01 |
| 5367 | 5 | 1000:4 | 0.018 | 0.0025 |
| LD-50 | 20 | 1000:1 | ** | ** |

High Sensitivity Current Transformers – 5360 Series

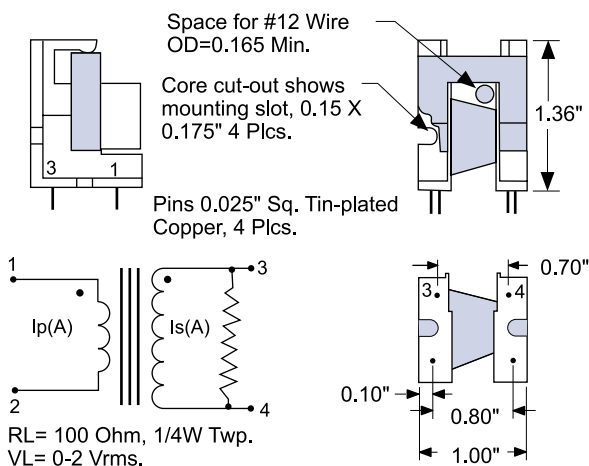
API's high sensitivity series of current transformers has been specifically designed for those applications where a low value of current is to be monitored. A primary winding is supplied (pins 1 & 2) which helps increase the sensitivity of the transformer.

* Many customized output voltages and currents are available on special request, at same low price

** For LD-50, the one-turn primary is customer supplied
The terminating resistor is customer supplied

Dimensions and Construction

LD-50



5360 Series

