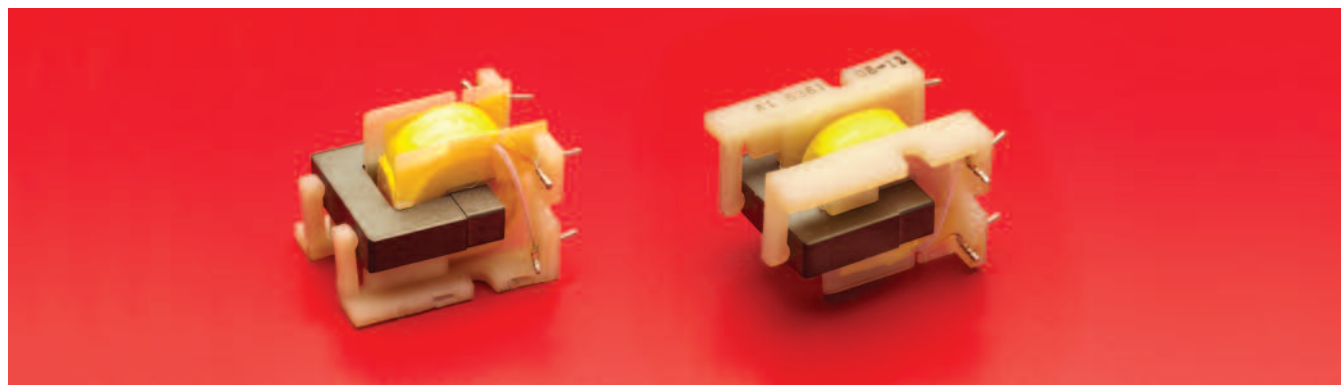


# Snap-On Load Detectors/Current Sensors

LD-50 Load Detector and High Sensitivity Current Transformers



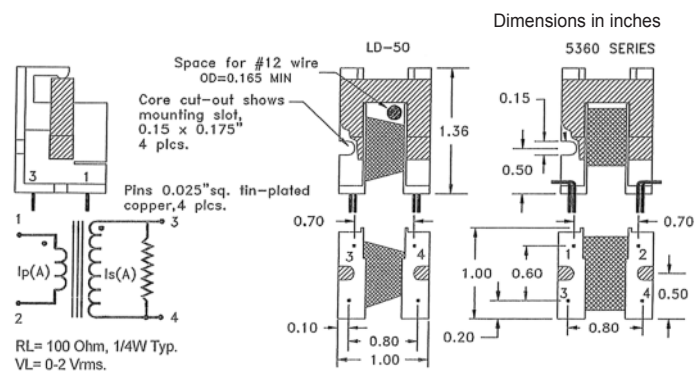
- The revolutionary LD-50 snap-on load detector mounts on pre-wired systems without disrupting existing connections
- Broad frequency response: 30Hz to 15 kHz
- Measures currents up to 40 Amps RMS continuous, 120 Amps intermittent
- High reliability long lasting magnetic device
- Output linear to within 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

## High Sensitivity Current Transformers

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.

## Dimensions and Construction



## 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%

P/N	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	**	**

\* 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