

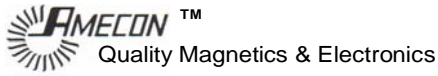


RTI Electronics, Inc.™

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A Wholly Owned Subsidiary of IntriCon Corporation

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SNAP-ON LOAD DETECTOR LD-50

- This new Revolutionary snap-on load detector mounts on pre-wired systems without disrupting existing connections. (Field assembleable.)
- Broad frequency response: 30Hz. to 15 kHz. (See curve)
- Measures currents up to 40 Amps RMS continuous, 120 Amps intermittent.
- High reliability high lasting magnetic device
- Output linear to within 3% from 2A to 20A of Input. (See VL/Ip. vs. Ip curves.)
- Less than \$2.00 in production quantities.
- Excellent for low budget energy management and automation control.
- Available pre-assembled or unassembled, to snap over existing wiring.
- Note: These features have made this new device the answer to a myriad of new applications such as monitoring relays and lamps, Hi/Low current limits, instrumentation, solid state switchgear, motor control, and much more.

NEW HIGH SENSITIVITY CURRENT TRANSFORMERS.

The 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.

Space for #12 wire
OD=0.165 MIN

Core cut-out shows mounting slot, 0.15 x 0.175" 4 plcs.

Pins 0.025"sq. tin-plated copper, 4 plcs.

ELECTRICAL SPECS

VL	RL	Is	Sec DCR	Sec. Ind.	Accy at 100%	Accy at 10%
Volts	Ohms	Amps	Ohms	Hy		
2.0*	100	0.02*	36	1.1	1.0	0.3

TEMPERATURE: -55°C TO 120°C

P/N	Load Current Ip(A)	Turns Ratio	Pri. Ind. mHy	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		

RL= 100 Ohm, 1/4W Typ.
VL= 0-2 Vrms.

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

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