

Current Sensors Product List

Tamura Corporation of America

1040 South Andreasen Dr. Ste 100 P: 1-800-472-6624

Escondido, CA 92029

F: 951-676-9482

E: sensors@tamuracorp.com

Open and Closed Loop Hall Effect and Flux-Gate Current Sensors available in Industry Standard Package



Open loop (3A-1500A)

Closed loop (2A-500A)

Flux Gate (6A-50A)























Measurement of
DC, AC and Complex
currents.



Cost-effective
Industry Standard
Packages provide
accurate, galvanically
isolated measurements.



Available UL 508
recognized models as
indicated.

SERIES	RATED CURRENT	POWER SUPPLY RANGE	MOUNTING	TECHNOLOGY	PRIMARY CONNECTION	OUTPUT	TEMP. RANGE	UL 508
 <u>L01Z***S05</u>	±50AT-±600AT	+5VDC	PCB	OPEN LOOP	APERTURE	2.5V±1.5V	-10C°to+80C°	N
 <u>L03S***D15</u>	±50AT-±600AT	±15VDC	PANEL	OPEN LOOP	APERTURE	±4V	-20C°to+80C°	N
 <u>L03S***D15WM</u>	±50AT-±800AT	±15VDC	PANEL	OPEN LOOP	APERTURE	±4V	-10C°to+80C°	N
 <u>L03S***D15WJ</u>	±50AT-±800AT	±15VDC	PANEL	OPEN LOOP	APERTURE	±4V	-10C°to+80C°	N
 <u>L05Z800S15</u>	±800AT	±15VDC	PANEL	OPEN LOOP	APERTURE	7.0±4V	-40C°to+85C°	N
 <u>L06P***S05</u>	±300AT-±800AT	+5VDC	PCB	OPEN LOOP	APERTURE	2.5V±1.5V	-40C°to+85C°	N
 <u>L07P***D15</u>	±3A-±30A	±15VDC	PCB	OPEN LOOP	DUAL INTEGRATED	±4V	-30C°to+80C°	Y
 <u>L07P***S05</u>	±3A-±30A	+5VDC	PCB	OPEN LOOP	DUAL INTEGRATED	2.5V±1.25V	-30C°to+80C°	Y
 <u>L08P***D15</u>	±50AT-±200AT	±15VDC	PCB	OPEN LOOP	APERTURE	±4V	-10C°to+80C°	N
 <u>L08P***D15MI</u>	±50AT-±200AT	±15VDC	PCB	OPEN LOOP	APERTURE	±4V	-10C°to+80C°	N
 <u>L08P***D15PVW</u>	±100AT-±300AT	±15VDC	PCB	OPEN LOOP	APERTURE	±4V	-20C°to+80C°	N
 <u>LI2P025D15</u>	±25A	±15VDC	PCB	OPEN LOOP	INTEGRATED PRIMARY	±4V	-30C°to+80C°	N
 <u>LI8P***D15</u>	±3A-±60A	±15VDC	PCB	OPEN LOOP	INTEGRATED PRIMARY	±4V	-30C°to+80C°	Y
 <u>LI8P***S05R</u>	±3A-±60A	+5VDC	PCB	OPEN LOOP	INTEGRATED PRIMARY	2.5V±0.625V	-30C°to+80C°	Y
 <u>LI8P***S05</u>	±3A-±60A	+5VDC	PCB	OPEN LOOP	INTEGRATED PRIMARY	2.5V±1.5V	-30C°to+80C°	Y
 <u>LI8P***S12</u>	±3A-±60A	+12VDC	PCB	OPEN LOOP	INTEGRATED PRIMARY	2.5V±1.5V	-30C°to+80C°	Y
 <u>L31S***S05FS</u>	±50AT-±600AT	+5VDC	PANEL	OPEN LOOP	APERTURE	2.5V±0.625V*	-40C°to+85C°	Y
 <u>L32P***S05FS</u>	±50AT-±400AT	+5VDC	PCB	OPEN LOOP	APERTURE	2.5V±0.625V*	-40C°to+85C°	Y
 <u>L32P***S05BFS</u>	±50AT-±100AT	+5VDC	PCB	OPEN LOOP	INTEGRATED PRIMARY	2.5V±0.625V*	-40C°to+85C°	Y
 <u>L34S***D15</u>	±200AT-±1500AT	±15VDC	PANEL	OPEN LOOP	APERTURE	±4V	-30C°to+80C°	Y

* = V_{ref} IN/OUT

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

















Closed loop (2A-500A)

Flux Gate (6A-50A)

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SERIES	RATED CURRENT	POWER SUPPLY RANGE	MOUNTING	TECHNOLOGY	PRIMARY CONNECTION	OUTPUT	TEMP. RANGE	UL 508
 <u>S20S200DI5MI</u>	±200AT	±15VDC	PANEL	CLOSED LOOP	APERTURE	±100mA	-30C°to+80C°	N
 <u>S21SI80DI5JN</u>	±180A	±15VDC	PANEL	CLOSED LOOP	APERTURE	±45mA	-20C°to+70C°	Y
 <u>S22P***S05</u>	±6A-±25A	+5VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	2.5V±0.625V	-10C°to+85C°	Y
 <u>S22P***S05M2</u>	±6A-±25A	+5VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	2.5V±0.625V	-10C°to+85C°	Y
 <u>S23P***DI5</u>	±50AT-±100A	±15VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	±25mA±50mA	-40C°to+85C°	Y
 <u>S23P***DI5MI</u>	±50AT-±100A	±15VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	±50mA±100mA	-40C°to+85C°	Y
 <u>S23P***DI5M2</u>	±50AT-±100A	±15VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	±25mA±50mA	-40C°to+85C°	Y
 <u>S25P050DI5X</u>	±50AT	±15VDC	PCB	CLOSED LOOP	APERTURE	±50mA	-40C°to+85C°	Y
 <u>S25P100DI5X</u>	±100AT	±15VDC	PCB	CLOSED LOOP	APERTURE	±100mA	-40C°to+85C°	Y
 <u>S25P***DI5Y</u>	±100AT-±150AT	±15VDC	PCB	CLOSED LOOP	APERTURE	±50mA±75mA	-40C°to+85C°	Y
 <u>S26P***DI5Y</u>	±200AT	±15VDC	PCB	CLOSED LOOP	APERTURE	±100mA	-40C°to+85C°	Y
 <u>S27S300DI5YM</u>	±300AT	±15VDC	PANEL	CLOSED LOOP	APERTURE	±150mA	-40C°to+85C°	Y
 <u>S27S300DI5Y</u>	±300AT	±15VDC	PANEL	CLOSED LOOP	APERTURE	±150mA	-40C°to+85C°	Y
 <u>S28S500D24ZM</u>	±500AT	±24VDC	PANEL	CLOSED LOOP	APERTURE	±100mA	-40C°to+70C°	Y
 <u>S28S500D24Z</u>	±500AT	±24VDC	PANEL	CLOSED LOOP	APERTURE	±100mA	-40C°to+70C°	Y
 <u>S29SI T0D24ZM</u>	±1000A	±24VDC	PANEL	CLOSED LOOP	APERTURE	±200mA	-40C°to+85C°	Y
 <u>S29SI T0D24Z</u>	±1000A	±24VDC	PANEL	CLOSED LOOP	APERTURE	±200mA	-40C°to+85C°	Y
 <u>S29SI T0D24ZJ</u>	±1000A	±24VDC	PANEL	CLOSED LOOP	APERTURE	±200mA	-40C°to+85C°	Y
 <u>F01P***S05</u>	±6A-±50A	+5VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	2.5V±0.625V	-40C°to+105C°	Y
 <u>F02P***S05</u>	±6A-±50A	+5VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	2.5V±0.625V*	-40C°to+105C°	Y
<u>F03P***S05</u>	±6A-±50A	+5VDC	PCB	CLOSED LOOP	INTEGRATED PRIMARY	2.5V±0.625V*	-40C°to+105C°	Y

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