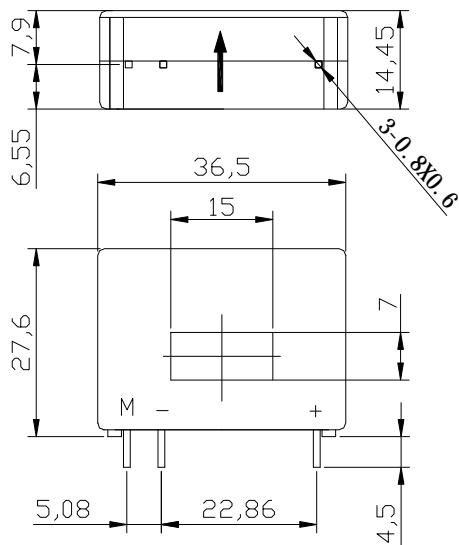
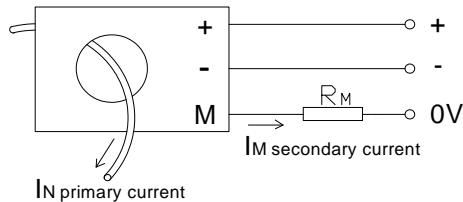



Specifications: Closed loop Hall current sensor, Nominal current 50A RMS for measuring of currents: AC, DC, pulsed...

	Type	LA-50P	
I _N	Nominal current (RMS)	50A	
I _P	Measuring range (I _{P-P})	0...±80A	
R _M	Measuring resistance	R _M min	R _M max
(V _c =±12V, ±50A)		10Ω	100Ω
(V _c =±12V, ±70A)		10Ω	50Ω
(V _c =±15V, ±50A)		50Ω	160Ω
(V _c =±15V, ±70A)		50Ω	90Ω
I _M	Output current	Nominal output current 50mA, for primary nominal current I _N =50A	
K _N	Turns ratio	1:1000	
X	Accuracy (Ta =+25°C)	I _N ±0.5%	
V _c	Supply voltage	±12...15V (±5%)	
I _C	Current consumption	10mA+I _M	
V _i	Isolation voltage	Between primary and secondary circuit: 2.5KV RMS/50Hz/1min.	
I _{off}	Offset current (Ta =+25°C)	±0.3mA max, for primary current I _N =0	
T _d	Temperature drift	±0.1mA Typical; ±0.6mA Max (-25°C...+85°C)	
L	Linearity	< 0.1%	
T _r	Response time	< 1μS	
	di/dt	> 200A/μS	
f	Frequency bandwidth	DC...200KHz	
T _a	Operating temperature	-25°C...+85°C	
T _s	Storage temperature	-40°C...+90°C	
R _S	Secondary resistance	< 80Ω (Ta =+70°C)	
R _N	Primary resistance	----	
W	Weight	16g	

Dimensions (mm):**Connection:**

Secondary terminals:
 Terminal +: supply voltage +12...15V
 Terminal -: supply voltage -12...15V
 Terminal M: output

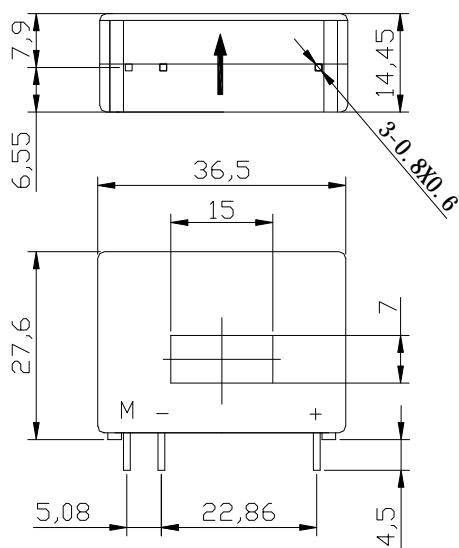
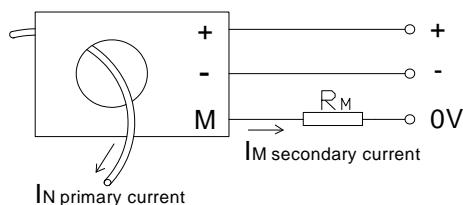


Note: 1) Output I_M is positive, when the primary current flows in the direction of the arrow.
 2) Mounting: PCB

**Specifications:**

Closed loop Hall current sensor, Nominal current 100A RMS for measuring of currents: AC, DC, pulsed

	Type	LA-100P	
I _N	Nominal current (RMS)	100A	
I _P	Measuring range (I _{P-P})	0...±150A	
R _M	Measuring resistance	R _M min	R _M max
(V _c =±12V, ±100A)		0Ω	50Ω
(V _c =±12V, ±120A)		0Ω	22Ω
(V _c =±15V, ±100A)		0Ω	110Ω
(V _c =±15V, ±120A)		10Ω	33Ω
I _M	Output current	Nominal output current 50mA, for primary nominal current I _N =100A	
K _N	Turns ratio	1:2000	
X	Accuracy (Ta =+25°C)	I _N ±0.5%	
V _c	Supply voltage	±12...15V (±5%)	
I _C	Current consumption	10mA+I _M	
V _i	Isolation voltage	Between primary and secondary circuit: 2.5KV RMS/50Hz/1min.	
I _{off}	Offset current (Ta =+25°C)	±0.2mA max, for primary current I _N =0	
T _d	Temperature drift	±0.1mA Typical; ±0.3mA Max (-25°C...+85°C)	
L	Linearity	< 0.15%	
T _r	Response time	< 1μS	
	di/dt	> 200A/μS	
f	Frequency bandwidth	DC...200KHz	
T _a	Operating temperature	-25°C...+85°C	
T _s	Storage temperature	-40°C...+90°C	
R _S	Secondary resistance	< 120Ω (Ta =+70°C)	
R _N	Primary resistance	----	
W	Weight	18g	

Dimensions (mm):**Connection:**

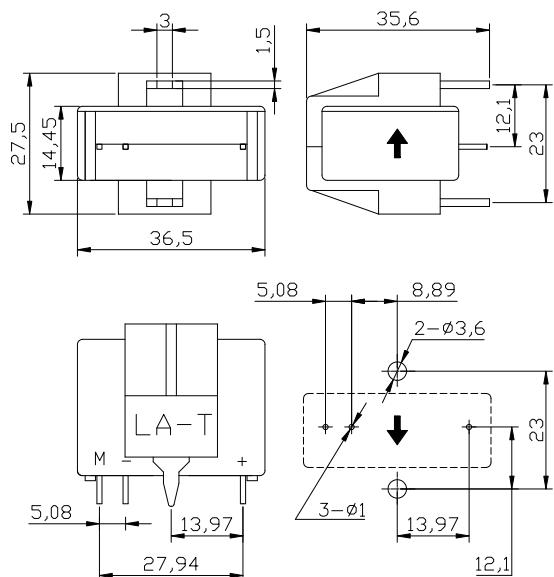
Secondary terminals:
 Terminal +: supply voltage +12...15V
 Terminal -: supply voltage -12...15V
 Terminal M: output



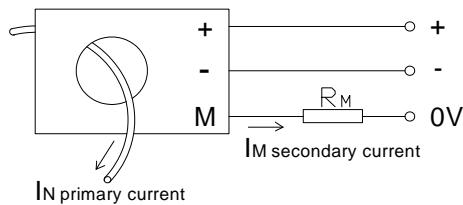
Note: 1) Output I_M is positive, when the primary current flows in the direction of the arrow.
 2) Mounting: PCB


Specifications: Closed loop Hall current sensor, Nominal current 50A RMS for measuring of currents: AC, DC, pulsed...

	Type	LA-50T	
I _N	Nominal current (RMS)	50A	
I _P	Measuring range (I _{P-P})	0...±80A	
R _M	Measuring resistance	R _M min	R _M max
(V _c =±12V, ±50A)		10Ω	100Ω
(V _c =±12V, ±70A)		10Ω	50Ω
(V _c =±15V, ±50A)		50Ω	160Ω
(V _c =±15V, ±70A)		50Ω	90Ω
I _M	Output current	Nominal output current 50mA, for primary nominal current I _N =50A	
X	Accuracy (Ta =+25°C)	I _N ±0.5%	
K _N	Turns ratio	1:1000	
V _c	Supply voltage	±12...15V (±5%)	
I _C	Current consumption	10mA+I _M	
V _i	Isolation voltage	Between primary and secondary circuit: 2.5KV RMS/50Hz/1min.	
I _{off}	Offset current (Ta =+25°C)	±0.3mA max, for primary current I _N =0	
T _d	Temperature drift	±0.1mA Typical; ±0.6mA Max (-25°C...+85°C)	
L	Linearity	< 0.1%	
T _r	Response time	< 1μS	
	di/dt	> 200A/μS	
f	Frequency bandwidth	DC...200KHz	
T _a	Operating temperature	-25°C...+85°C	
T _s	Storage temperature	-40°C...+90°C	
R _S	Secondary resistance	< 80Ω (Ta =+70°C)	
R _N	Primary resistance	----	
W	Weight	35g	

Dimensions (mm):

Note: 1) Output I_M is positive, when the primary current flows in the direction of the arrow. 2) Mounting: PCB

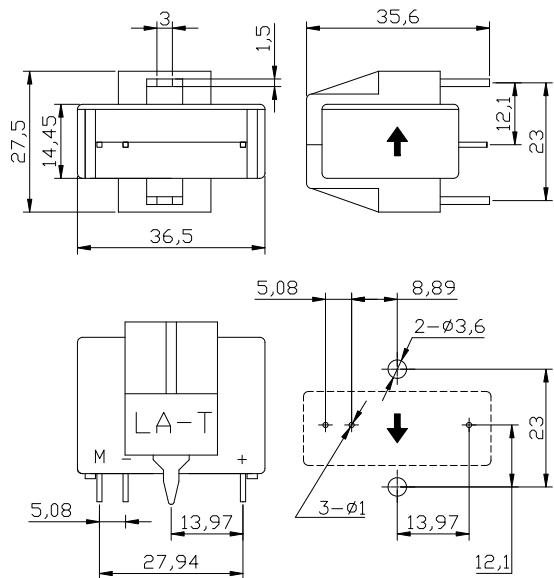
Connection:**Secondary terminals:**

- Terminal +: supply voltage +12...15V
- Terminal -: supply voltage -12...15V
- Terminal M: output

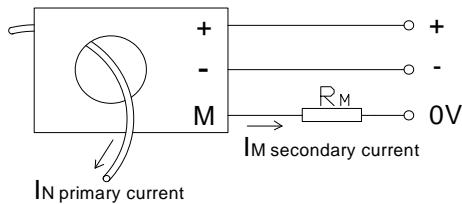



Specifications: Closed loop Hall current sensor, Nominal current 100A RMS for measuring of currents: AC, DC, pulsed...

	Type	LA-100T	
I _N	Nominal current (RMS)	100A	
I _P	Measuring range (I _{P-P})	0...±150A	
R _M	Measuring resistance	R _M min	R _M max
(V _c =±12V, ±100A)		0Ω	50Ω
(V _c =±12V, ±120A)		0Ω	22Ω
(V _c =±15V, ±100A)		0Ω	110Ω
(V _c =±15V, ±120A)		10Ω	33Ω
I _M	Output current	Nominal output current 50mA, for primary nominal current I _N =100A	
X	Accuracy (Ta =+25°C)	I _N ±0.5%	
K _N	Turns ratio	1:2000	
V _c	Supply voltage	±12...15V (±5%)	
I _C	Current consumption	10mA+I _M	
V _i	Isolation voltage	Between primary and secondary circuit: 2.5KV RMS/50Hz/1min.	
I _{off}	Offset current (Ta =+25°C)	±0.3mA max, for primary current I _N =0	
T _d	Temperature drift	±0.1mA Typical; ±0.3mA Max (-25°C...+85°C)	
L	Linearity	< 0.15%	
T _r	Response time	< 1μS	
	di/dt	> 200A/μS	
f	Frequency bandwidth	DC...200KHz	
T _a	Operating temperature	-25°C...+85°C	
T _s	Storage temperature	-40°C...+90°C	
R _S	Secondary resistance	< 120Ω (Ta =+70°C)	
R _N	Primary resistance	----	
W	Weight	35g	

Dimensions (mm):


Note: 1) Output I_M is positive, when the primary current flows in the direction of the arrow. 2) Mounting: PCB

Connection:

Secondary terminals:

Terminal +: supply voltage +12...15V

Terminal -: supply voltage -12...15V

Terminal M: output

