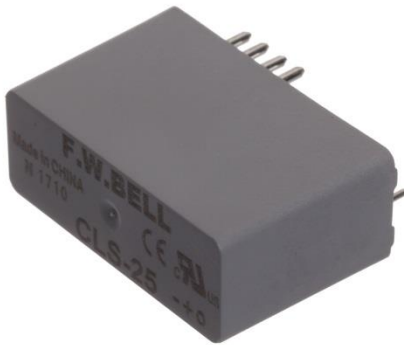
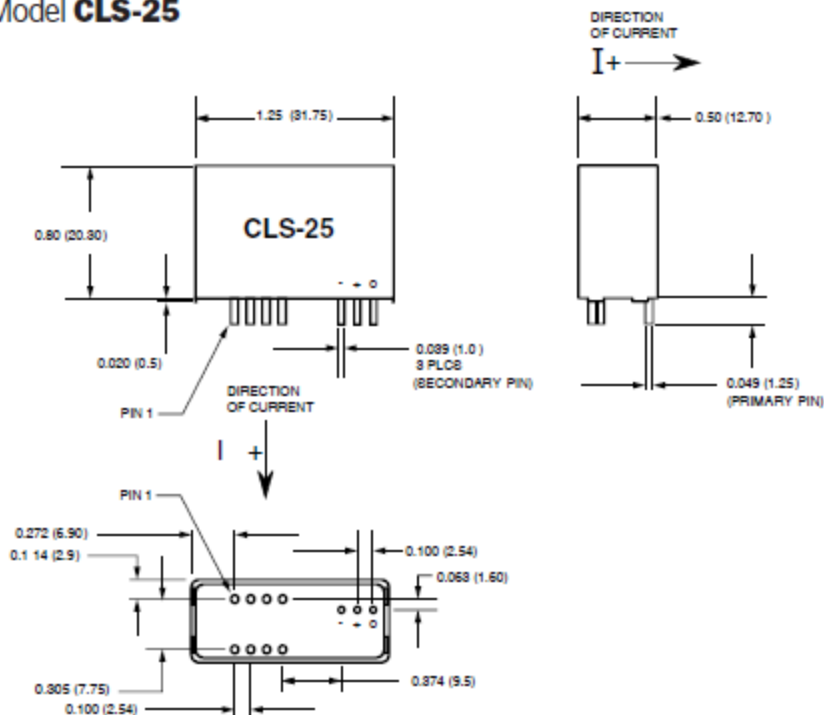


## Current sensors CLS-25



The CLS-25 Hall effect current sensors accurately measure DC and AC currents and provide electrical isolation between the output of the sensor and the current carrying conductor.

### Model CLS-25



### Features

- High overload capacity
- PC board mount
- Sensing up to 400 A
- Fast response
- High accuracy
- Measures AC, DC, and impulse currents
- Noncontact measurement of high current

### Applications

- Variable speed drives for motors
- Welding equipment
- Power supply equipment
- Measure and control system
- Over current protection
- Protection of power semiconductors

### Contact

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[www.meggitt.com](http://www.meggitt.com)

[www.fwbell.com](http://www.fwbell.com)

[www.oeco.com](http://www.oeco.com)



## Current sensors

# CLS-25

### Specifications

<b>Model:</b>	<b>CLS-25</b>
Nominal current	25 A
Measure range	0 to 50 A
Nominal analog output current	25 mA
Turns ratio	1-2-3-4/1000
Accuracy at 25° C	0.5%
Supply voltage	12 to 15 V
Linearity	Better than 0.2%
Reponse time at 50%	Better than 200 nS
Response time at 10%	Better than 50 nS
Bandwidth	DC to 200 kHz
Operating temperature range	-40° C to 85° C
Storage temperature range	-40° C to 90° C
Current consumption	12 mA plus output current
Secondary internal resistance	66 ohms
Primary internal resistance	<1.25 mohm per turn
Weight	17 g
Package	Insulated plastic case

Note: Due to continuous process improvement, specifications are subject to change without notice