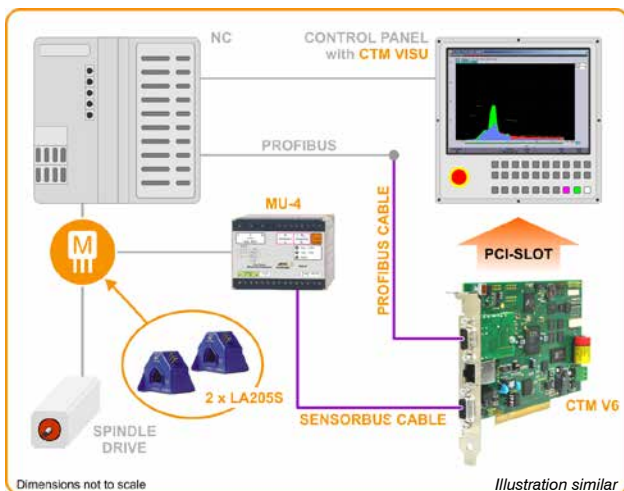




Illustration similar

HALL SENSOR



Special Features

- Hall effect compensation converter for currents up to 200 A
- Excellent measuring accuracy
- Very good linearity
- Small temperature drift
- No supplementary load loss
- Low susceptibility to failure caused by external magnetic fields
- Galvanic separation

The sensor is designed for currents up to 200 A. In case of considerably lower maximum current values, the cable is looped through the hole in the middle of the sensor several times. This results in an increase of the current maximum value (fig. on right side).

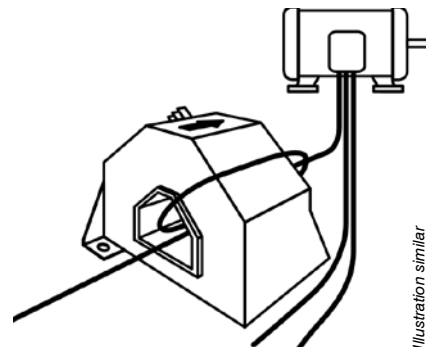
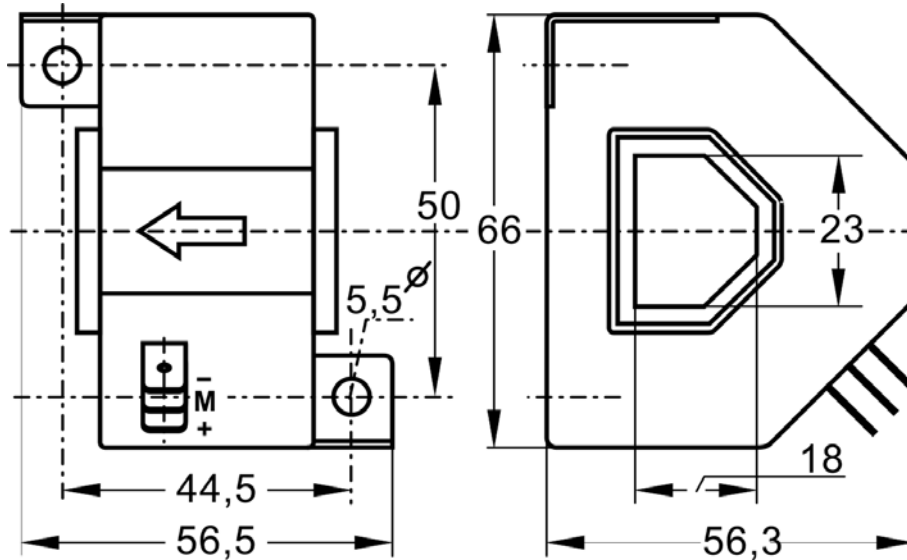


Illustration similar

Hall sensor

LA205S



O3PZ0311011

Dimensions	see drawing
Weight	110 g
Material	Plastic cast
Degree of protection	IP20
Flammability class	VO (UL94)
Mounting	Screw connection M5 Mounting brackets
Storage temperature	-40 °C...+90 °C
Operating temperature	-10 °C...+85 °C
Voltage supply	±12 V – 15 V
Power consumption	20 mA (±15 V) + secondary nominal current
Contacting	Flat plug (faston) 6.3 x 0.8 mm
Transmission ratio	1:2000
Effective primary nominal current	200 A

Primary current, measuring range	0 – ± 300A
Max. measurable overload (max. 3 min/h @VC=±15 V, RM 0 5)	600 A
Frequency range (-3dB)	DC up to 100 kHz
Linearity	< 0.1 %
Integration time	< 1μ
Response time	500 ns
Accuracy at +25 °C	± 0.8 %
Scope of delivery	Sensor
Conformity	CE

For a full list of address locations, please consult the Marposs official website

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