

CURRENT TRANSDUCERS

	CS-03	BBM-03	COT-100	CTH	uAmmeter / IDL
USPs	Small, high stray field immunity (shielded)	Stray field cancelation due to dual module (anti-parallel) configuration	Low current sensing with high voltage isolation; compact, high- accuracy	Closed-loop, clamp-on, very high accuracy, independent on cable position	Dual-core, Clamp-on (split core) MicroAmmeter with 1uA resolution
Competitors	LEM, CRRC, Sinomags (Sensitec)	Allegro, InnoPower, Honeywell, Riedon, Isabellenhütte	-	-	-
Type / Size	PCB mount / 17x16x13mm	Bus Bar 45x19x5.5mm	Core-less / 30x30x18mm	Closed-loop, dual core / 79x74.5x40mm	Open-loop, dual core / 180x124x51mm ; 46.5mm
Accuracy	2%	1%	0.5%	0.1%	10% / 1uA resolution 16 bit
Supply Voltage	5V uni-/bi-directional	5V	12V	230V AC	230v AC
Range	0.1A...25A	...5kA	+/-100A	100A – 10kA	5mA...100mA
Frequency Bandwidth	DC – 5kHz	DC – 200kHz	DC-50kHz	DC – 3kHz	DC
Operation Temperature	-40° / +85°	-30° / +80°	-40° / +85°	-40° / +70°	-40° / +70°
Isolation Voltage	4kV	3kV / 5kV	2kV	2kV	5kV
Sensor chip	MLX Hall	MLX Hall	MLX Hall	MLX Hall	Honeywell AMR

