

# Split-Core AC or DC Voltage Output Current Transducer. Hall Effect Current Sensor HCT-0036-500, ± 4 V Output

(AC or DC Depending on Input Signal)  
36mm Opening With Rating of 500 Amps  
Description:

Magnelab's HCT-0036-500 split-core current transformer "senses" AC or DC current up to 500 amps passing through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor.

### Features:

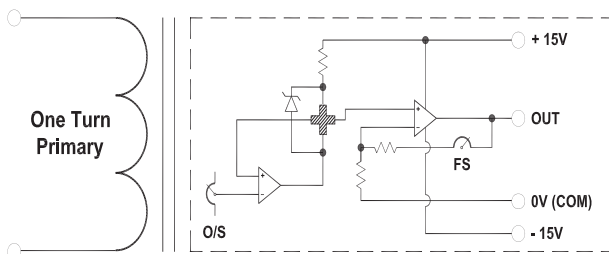
- Rated input up to 500 Amp AC or DC
- Output of ± 4 V at rated current (AC or DC)
- Accuracy at 1% at rated current
- System Voltage: DC 500 V, AC 1500 V / 1min. withstand
- UL recognized IEC 61010-1, CE, and RoHS Compliant



- Lead length 15" ±0.50"
- Power Supply ±15 V (25mA)
- Offset voltage ± 20 mV max
- Noise level less than 10mVp-p
- di/dt response 3u sec (Typ.) at full scale (DC to 167 KHz)
- Operating temperature -10° to 60°C
- Temperature Impact: ±0.1% / °C

PART NUMBER AND RATING	INPUT	SATURATION CURRENT
HCT-0036-500	500 Amp	625 AT

DIMENSION	INCH	MM
A	3.30	82.4
B	1.90	48.0
C	2.25	57.10
D	1.58	40.20
E	0.89	22.50



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