

Split-Core DC Voltage Output Transducer DCT-0036-500, 5 Vdc Output

36mm Opening With Rating of 500 Amps

Description:

Magnelab's DCT-0036-500 split-core current transducer "senses" AC 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. The DCT-0036-500 has a self-locking mechanism

Features:

- Rated input of 500 Amps AC
- Output of 5 Vdc at rated current (7.5 Vdc limit built in)
- Accuracy $\pm 2\%$ full scale
- Operating temperature -20°C to 50°C
- Line Response Time 300 ms
- Output Ripple within 5% of Output Voltage
- Frequency range 50/60 Hz
- 2 X M3-Screw terminals
- System Voltage: CAT III 600VAC
- UL recognized IEC 61010-1, CE, and RoHS Compliant



Bottom View

PART NUMBER AND RATING		OUTPUT IMPEDANCE
DCT-0036-500	500 Amp	5.8 kOhms

DIMENSION	INCH	MM
A	3.70	94.00
B	2.28	58.00
C	2.27	57.60
D	1.60	40.00
E	0.89	22.60

