

Split-Core DC Voltage Output Transducer

DCT-0016-100, 5 VDC Output

16mm Opening With Rating of 100 Amps

Description:

Magnelab's DCT-0016-100 split-core current transducer "senses" AC current up to 100 Amps passing through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor. The DCT-0016-100 has a self-locking mechanism.

Features:

- Rated input of 100 Amp 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



PART NUMBER AND RATING		OUTPUT IMPEDANCE
DCT-0016-100	100 Amp	5.8 kOhms

DIMENSION	INCH	MM
A	2.30	56.60
B	1.44	36.60
C	1.19	30.00
D	1.24	31.00
E	0.76	19.00

