

Split-Core AC Current 4 to 20 mA Transducer MCT-0016-XXX, 4 to 20mA DC Output

16mm Opening With Ratings Up to 100 Amp

Description:

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

Features:

- Rated input up to 100 Amp
- Output of standard 4 to 20 mA DC
- Accuracy $\pm 2\%$ FS, Ripple within 2% of output voltage
- Maximum load resistance 600 Ohms at Power Supply 24 V
- 24 Vdc Loop Power 20 - 30 Vdc (25 mA max.)



- Max allowable current 120% continuous, 150 % 1 min
- Frequency range 50/60 Hz
- 2 X M3-Screw terminals
- Installation Category CAT III
- UL recognized IEC 61010-1, CE, and RoHS compliant
- Operating temperature -20° to 50°C

PART NUMBER AND RATING	
MCT-0016-005	5 Amp
MCT-0016-010	10 Amp
MCT-0016-020	20 Amp
MCT-0016-050	50 Amp
MCT-0016-100	100 Amp

DIMENSION	INCH	MM
A	2.22	56.00
B	1.44	36.60
C	1.19	30.00
D	1.24	31.00
E	0.76	19.00

