

CURRENT TRANSFORMER DATA SHEET

Model **MCT** - Solid Core Current Sensors

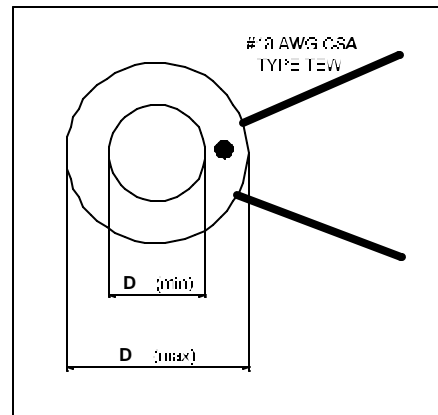
APPLICATION in ELKOR PRODUCTS:

- Current Sensors for the ETM1, 2 and MOC1 power transducers.
- Sensors for the ETA3.xxx family of AC Current Transducers.
- Current sensor for the ETAMPx family of current transducers.
- Secondary (5 A) current sensors applied on 5 A leads of the existing CTs (MCT05 & MCT1 only).

SPECIFICATIONS:

- Primary wire maximum OD (see table).
- Insulation Class: 600 V ; 50-60 Hz.
- Leads 18" long AWG # 18, CSA Type TEW, AWM Style 1015.
- Maximum Continuous Current (see table).
- Overload Current 200 % of Rated Current, for 5 seconds.

NOTE: MCT current sensors shall be installed on insulated conductors only !



MCT Model	Maximum Rated Current	Wire Window D1	Outside Dia. D2	Leads Color (X1-X2)
MCT05	75 A	5/8" (16mm)	1.25" (32mm)	blue-white
MCT1	150 A	3/4" (19mm)	1.6" (41mm)	red-black
MCT2	300 A	1.25" (32mm)	2.25" (57mm)	yellow-black

MCT Current Sensors do not produce high voltage surge when opened (unlike the standard CTs). They generate a low voltage output signal and no special protection and shorting blocks are required.