

OSI SPLIT-CORE AC RMS CURRENT TRANSDUCER MODEL CTS-150R

ECONOMICAL SOLUTION, FIELD SELECTABLE RANGES

FEATURES

- Easy Installation
- Split-core
- Field selectable inputs: 25,75,100,150A
- Convenient 10Vdc output
- Lightweight (8oz.)

APPLICATIONS

- Load Monitoring
- Control Systems
- Building Management
- Process Automation
- Branch Monitoring

5 YEAR WARRANTY



SPECIFICATIONS

INPUT

Current..... RangeSelectable: 0 - 25/75/100/150Aac
 Over-current w/o damage ..10sec. @ 4 X Rating
 Frequency Range50/60Hz

OUTPUT

RangeFull Scale: 0-10Vdc
 Loading ≥10kΩ
 Response. (to 90%) ≤200msec.
 Ripple..... (pk-pk)..... ≤1.0% F.S.

MEASUREMENT TYPERMS

ACCURACY (any range selection) ±1.0% F.S.

INSTRUMENT POWER24Vdc, ±10%

DIELECTRIC(Withstand Voltage).....3500V, 60Hz, 1min.

ENVIRONMENTAL

Temperature.....Operating Range-40 to 70°C
 Effect.....Typical 0.01%/°C
 Storage... Range-45 to 85°C
 Relative Humidity 0-95%, non-condensing

PHYSICAL

Weight..... 8oz
 Connections.... Flying leads, 6ft., 22AWG, stripped & tinned
 Enclosure..... Polyamide Nylon, UL94V-0, Black
 Opening Angle 180°

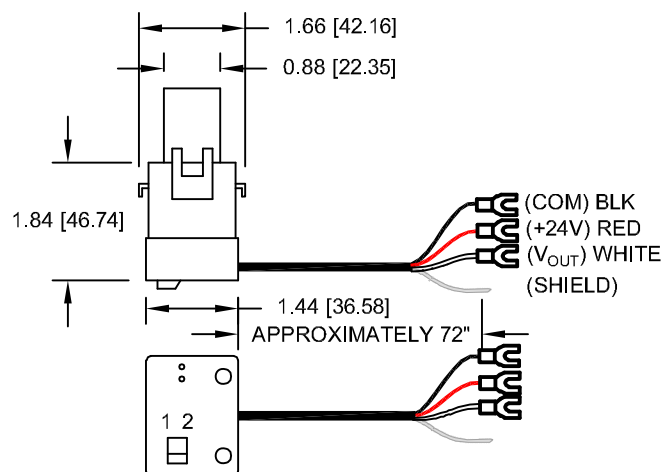
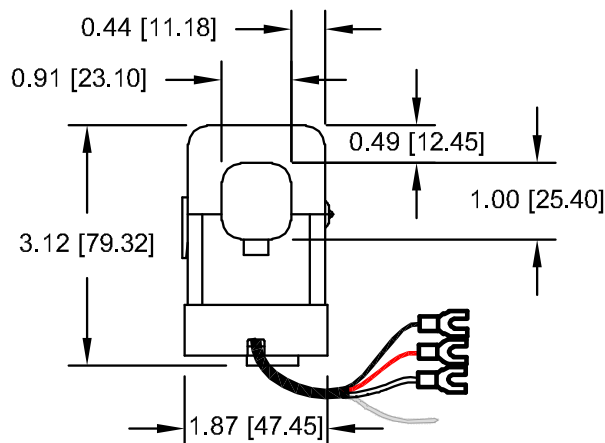
INPUT and OUTPUT RANGE SELECTION



Bottom view with DIP-Switch identification.

INPUT CURRENT AC AMPS				
DIP-SWITCH SETTINGS	0-25	0-75	0-100	0-150
	OPEN			

DIMENSIONS and CONNECTIONS



NOTE:
 ALL DIMENSIONS ARE IN INCHES [MM]
 TOLERANCE: ±0.03 INCHES

Dwg# 0902-01038-B Rev --