

SPLIT CORE CURRENT TRANSFORMERS

Description

The Flex Core series of 5 amp or 1 amp split core current transformers provides secondary current proportional to the primary turns. They are for use with power meters, data loggers, chart recorders, and other instruments.

➔

DANGER

Hazard of electric shock, burn or explosion.
Turn off all power before installing or removing the device.
Secondary terminals must be shorted or connected to the burden at all times.
Failure to follow these instructions could result in death or serious injury.

⚡

Maximum voltage 600 VAC

Do not apply 600 V class current transformers to circuits having a phase-to-phase voltage greater than 600 VAC unless adequate additional installation is applied between the primary conductor and current transformers.

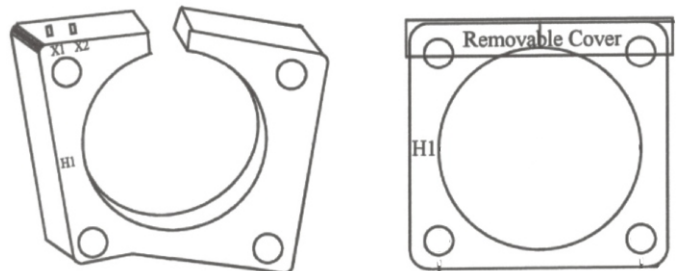
Z-TRAUQ INC and its affiliates assume no responsibility for damage of equipment for personal injury caused by transformers operated on circuits above their published ratings

INSTALLATION INSTRUCTIONS

Only qualified, licensed electricians may install this equipment.

Disconnect all power to the primary circuit before installing these current transformers (CT's).

- ① Connect the secondary leads of the burden or test switch/shortening bar. The white wire or the X1 is the polarity marker. These connections are the same phase polarity as the H1 or White Dot.
- ② Check the core ends on both sections of the CT to insure there is no rust or debris in the closure areas.
- ③ Open current transformers by removing the cover on one end.
Flex the CT open, but not more than 50% of the smallest inside dimension.
- ④ Place transformer over primary conductor, replace cover and secure.
Note: H1 is engraved on one side of the transformer. This indicates the line side entrance of the transformer (source side).
- ⑤ Replace cover of CT and mount securely.



Installation Notes:

Accuracy is specified with the primary conductor(s) centered in the CT window. In any application where fault currents can exceed 20 times rated current of CT, cable ties should be used on each side of the CT.

Secure the CT using cable ties or brackets.

SPECIFICATIONS

Temperature range: -15° to +60°C

Humidity range: 0 to 95% non-condensing

Maximum voltage: 600VAC

Frequency range: 50 to 400Hz