

# H6810-5A, H6811-5A, H6812-5A

# Hawkeye® 681X 5 Amp Split-Core Current Transformers



### Installer's Specifications

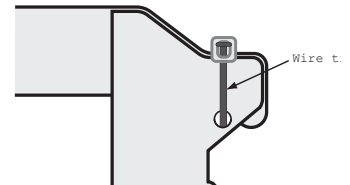
Accuracy	see table
Leads	18 AWG, 600 VAC, UL 1015 twisted pair, 6' length*
Output	5A
Temperature Range	-15° to 60° C
Humidity Range	0-95% non-condensing
Maximum Voltage	600VAC (basic insulation rating)
Frequency Range	50/60 Hz

\* H6810-100A-5A, 15' 12 AWG Solid

### QUICK INSTALL

1. Disconnect and lock out power to the primary circuit before installation.
2. Connect the secondary leads to the burden or test switch/shorting bar. The white wire is the X1 lead.
3. Open the current transformer and slip it over the primary leads. Note labeling on the product indicating "source side" (H1).
4. Check the core ends on both sections of the CT to assure there is no rust or debris in the closure areas.
5. Close and latch the CT, and mount it securely.
6. Reconnect power to the circuit.

**NOTES:** Accuracy is specified with the primary conductor(s) centered in the CT window.



Use a wire tie to secure the I-Bar in applications where a fault current could exceed 20X rated current.

### DESCRIPTION

The H681x Series of 5A split-core CTs provide secondary amperage proportional to the primary (sensed) current. For use with power meters, data loggers, chart recorders, and other instruments, the H681x-5A Series provides a cost-effective means to transform electrical service amperages to a 0-5A level compatible with monitoring equipment.

Model #	F.S. Accuracy (%)	Burden Capacity (VA)
H6810-100A-5A	4	0.7
H6810-200A-5A	1	2.5
H6810-300A-5A	1	2.5
H6811-400A-5A	1	5.0
H6811-600A-5A	1	5.0
H6811-800A-5A	1	12.5
H6812-800A-5A	1	5.0
H6812-1200A-5A	1	22.5
H6812-1600A-5A	1	22.5
H6812-2400-5A	1	22.5

**⚠ DANGER ⚡**

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**

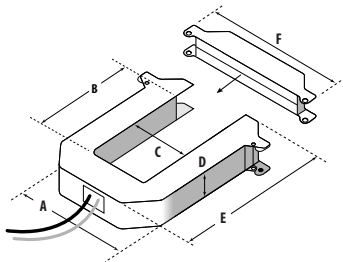
- Follow safe electrical work practices. See NFPA 70E in the USA, or applicable local codes.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Read, understand and follow the instructions before installing this product.
- Turn off all power supplying equipment before working on or inside the equipment.
- Use a properly rated voltage sensing device to confirm power is off.  
**DO NOT DEPEND ON THIS PRODUCT FOR VOLTAGE INDICATION**
- Only install this product on insulated conductors.

**Failure to follow these instructions will result in death or serious injury.**

**NOTICE**

- This product is not intended for life or safety applications.
- Do not install this product in hazardous or classified locations.
- The installer is responsible for conformance to all applicable codes.
- Mount this product inside a suitable fire and electrical enclosure.

### DIMENSIONS



H6810 200 Amp 300 Amp	H6811 400 Amp 800 Amp	H6812 800 Amp 1600 Amp
A = 3.75" (95 mm)	A = 4.90" (124 mm)	A = 4.90" (124 mm)
B = 1.51" (38 mm)	B = 2.89" (73 mm)	B = 5.50" (140 mm)
C = 1.25" (32 mm)	C = 2.45" (62 mm)	C = 2.45" (62 mm)
D = 1.13" (29 mm)	D = 1.13" (29 mm)	D = 1.13" (29 mm)
E = 3.91" (100 mm)	E = 5.20" (134 mm)	E = 7.88" (199 mm)
F = 4.75" (121 mm)	F = 5.91" (150 mm)	F = 5.92" (150 mm)