

Current Transducers, Voltage Output

H681x-V Series



H681x-V



SPECIFICATIONS

Agency Approvals	UL61010-1, EN61010 -1
INPUTS	
Frequency Range	50/60 Hz
Leads	6 ft (1.8 m)
ACCURACY	
Accuracy	±1% of reading from 10% to 100% of rated current
OUTPUTS	
Output @ Rated Current	0.333 or 1VAC
MECHANICAL	
Insulation	600VAC
ENVIRONMENTAL	
Installation Category III	Pollution Degree 2
Operating Temp Range	2400A models only: -15° to 50°C (5° to 122°F); All other models: -15° to 60°C (5° to 140°F)
Storage Temp Range	-40° to 70°C (-40° to 158°F)
Humidity Range	0-95% noncondensing

Medium Current Ranges

FEATURES

- High accuracy: ±1% from 10% to 100% of rated current
- 1V or 0.333V output versions available
- UL recognized

DESCRIPTION

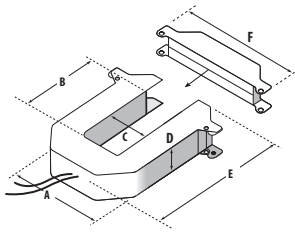
The **H681x-V Series** of current transducers provide a standard voltage output for use with data loggers, chart recorders, & power monitoring equipment. H681x CTs are split-core and have 0-0.333VAC and 1VAC output options.

APPLICATIONS

- Data logging
- Recording
- Power monitoring
- Energy management
- Alternative energy monitoring
- Cost allocation

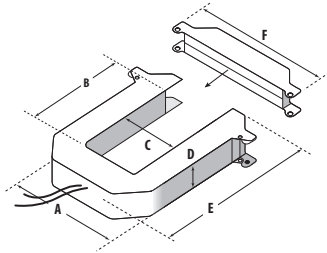
DIMENSIONAL DRAWINGS

H681x



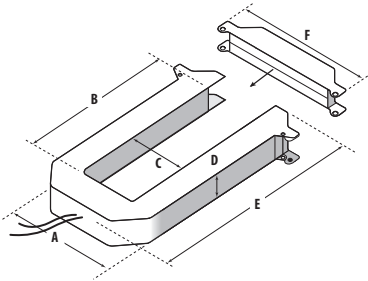
**H6810
SMALL (SIZE 2)
100/300 Amp**

- A = 3.8" (96 mm)
- B = 1.2" (30 mm)
- C = 1.3" (31 mm)
- D = 1.2" (30 mm)
- E = 4.0" (100 mm)
- F = 4.8" (121 mm)



**H6811
MEDIUM (SIZE 3)
400/800 Amp**

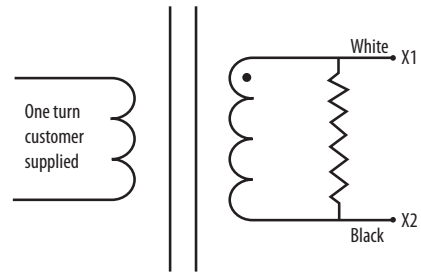
- A = 4.9" (125 mm)
- B = 2.9" (73 mm)
- C = 2.5" (62 mm)
- D = 1.2" (30 mm)
- E = 5.2" (132 mm)
- F = 6.0" (151 mm)



**H6812
LARGE (SIZE 4)
800/1600/2400 Amp**

- A = 4.9" (125 mm)
- B = 5.5" (139 mm)
- C = 2.5" (62 mm)
- D = 1.2" (30 mm)
- E = 7.9" (201 mm)
- F = 6.0" (151 mm)

WIRING EXAMPLE



ORDERING INFORMATION



MODEL	DESCRIPTION
H6810-100A-.3V	Split-Core CT, Size 2, 100A:0.333V
H6810-200A-.3V	Split-Core CT, Size 2, 200A:0.333V
H6810-300A-.3V	Split-Core CT, Size 2, 300A:0.333V
H6811-400A-.3V	Split-Core CT, Size 3, 400A:0.333V
H6811-600A-.3V	Split-Core CT, Size 3, 600A:0.333V
H6811-800A-.3V	Split-Core CT, Size 3, 800A:0.333V
H6812-800A-.3V	Split-Core CT, Size 4, 800A:0.333V
H6812-1000A-.3V	Split-Core CT, Size 4, 1000A:0.333V
H6812-1200A-.3V	Split-Core CT, Size 4, 1200A:0.333V
H6812-1600A-.3V	Split-Core CT, Size 4, 1600A:0.333V
H6812-2000A-.3V	Split-Core CT, Size 4, 2000A:0.333V
H6812-2400A-.3V	Split-Core CT, Size 4, 2400A:0.333V
H6810-100A-1V	Split-Core CT, Size 2, 100A:1V
H6810-200A-1V	Split-Core CT, Size 2, 200A:1V
H6810-300A-1V	Split-Core CT, Size 2, 300A:1V
H6811-400A-1V	Split-Core CT, Size 3, 400A:1V
H6811-600A-1V	Split-Core CT, Size 3, 600A:1V
H6811-800A-1V	Split-Core CT, Size 3, 800A:1V
H6812-800A-1V	Split-Core CT, Size 4, 800A:1V
H6812-1000A-1V	Split-Core CT, Size 4, 1000A:1V
H6812-1200A-1V	Split-Core CT, Size 4, 1200A:1V
H6812-1600A-1V	Split-Core CT, Size 4, 1600A:1V
H6812-2000A-1V	Split-Core CT, Size 4, 2000A:1V
H6812-2400A-1V	Split-Core CT, Size 4, 2400A:1V