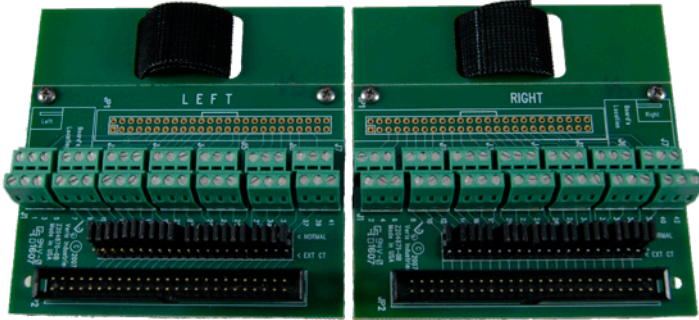


# AH24/AH25

# AH24/AH25 BCM Repair Kit



## QUICK INSTALL

1. Disconnect and lock out power to the panel.
2. Disconnect the current sensor strips from the BCM board by unplugging the ribbon cables.
3. Attach the adapter boards to the BCM board by plugging into the ribbon cable headers.
4. Reconnect the current sensor strips by plugging the ribbon cables into the adapter board headers.
5. Locate the connection sites corresponding to the damaged current sensors. Wire the replacement split-core sensor\* (Veris part number H6806C-0050 or H6806B-0100) to this port.
6. Snap the new current sensor onto the appropriate conductor.
7. Reconnect power to the panel.



See CT installation guides for agency approvals.



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

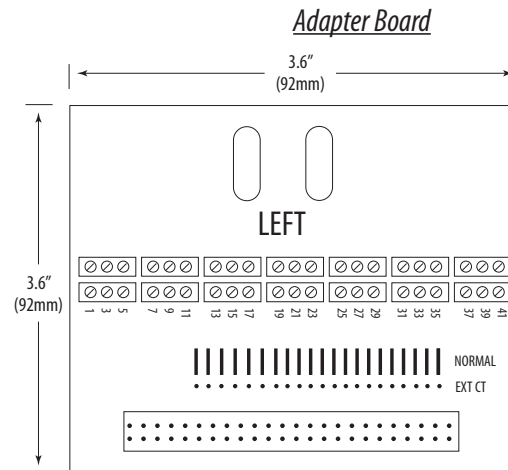
- Follow safe electrical work practices. See NFPA 70E in the USA, or applicable local codes.
  - This equipment must only be installed and serviced by qualified electrical personnel.
  - Read, understand and follow the instructions before installing this product.
  - Turn off all power supplying equipment 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

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

## NOTICE

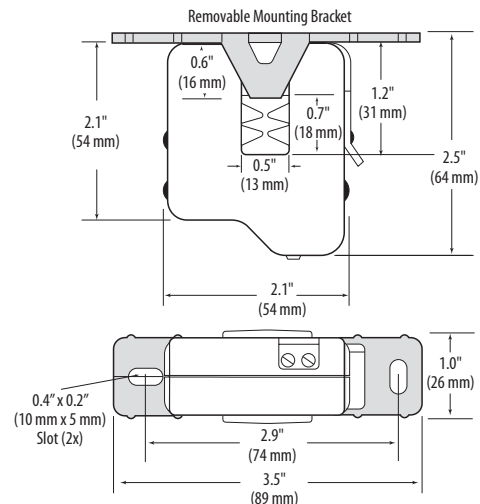
- This product is not intended for life or safety applications.
- Do not install this product in hazardous or classified locations.
- The installer is responsible for conformance to all applicable codes.
- Mount this product inside a suitable fire and electrical enclosure.

## DIMENSIONS



Note: The AH24 and AH25 kits contain two adapter boards of identical size.

### Replacement Split-Core Current Sensor (sold separately)



### FCC PART 15 INFORMATION

NOTE: This equipment has been tested by the manufacturer and found to comply with the limits for a class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Modifications to this product without the express authorization of Veris Industries nullify this statement.

## PRODUCT IDENTIFICATION

CT Rating	Repair Kit*	Replacement CT (sold separately)
50A	AH24	H6806C-0050
100A	AH25	H6806B-0100

\* One CT is included in the repair kit. Additional CTs may be purchased as needed.

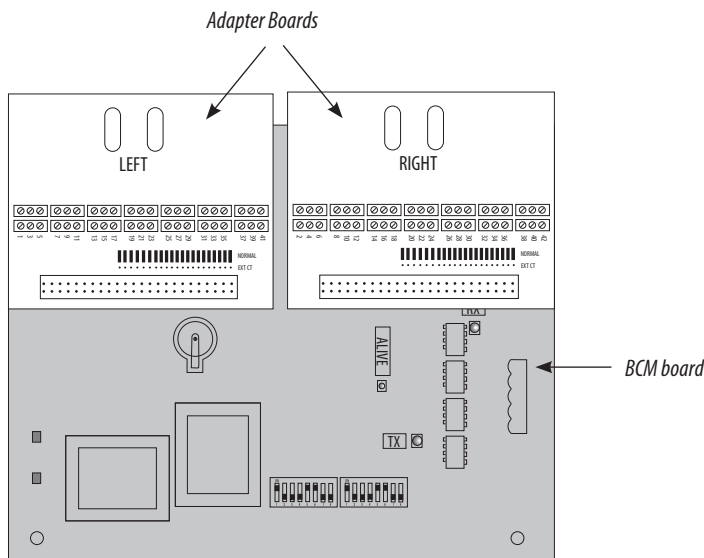
**OPERATION**

When an individual current sensor on a strip is damaged, a replacement sensor can be wired in its place so that the board will continue to operate. The kit includes a pair of adapter boards (“daughter” boards). Attaching the adapter boards to the BCM board provides places to plug in the ribbon cable for the sensor strip, as well as to wire as many individual current sensors as are needed.

The adapter boards are used in conjunction with Veris split-core current sensors, part number H6806C-0050 or H6806B-0100, sold separately.

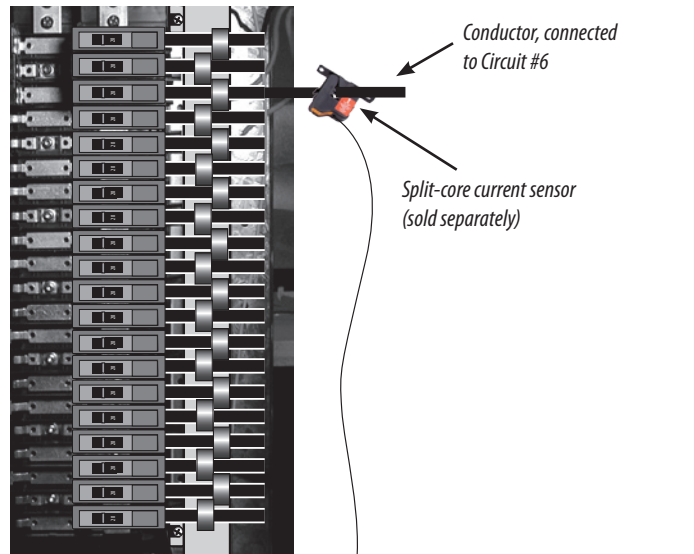
Note: The accuracy of the replaced sensed channel will be degraded.

**PRODUCT DIAGRAM**

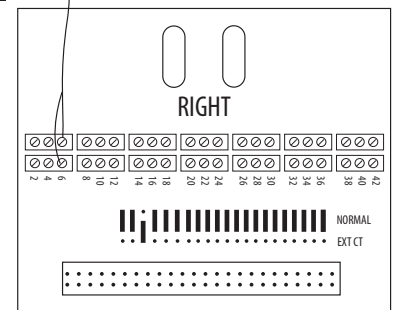


**INSTALLATION**

1. Disconnect and lock out power to the panel.
2. Remove the ribbon cable from the headers on the BCM board.
3. Attach the LEFT adapter board to the left header on the BCM; attach the RIGHT adapter board to the right header.
4. Use screws (included) to attach the adapter boards to the BCM main board more securely.
5. Connect the ribbon cables to the headers on the adapter boards.
6. Locate the correct terminal block corresponding to the damaged current sensor on the CT strip. Wire a split core current sensor to this terminal block and snap the current sensor around the conductor in the panel. Repeat this step for each damaged current sensor.



7. Change the position of the jumper corresponding to the damaged sensor from NORMAL to EXT CT.



8. Reconnect power to the panel.