



# Cutler-Hammer

## Auxiliary Power Module

Information Leaflet I.L. 5721B39H02

Effective December 2006  
New Information



**FIGURE 1. AUXILIARY POWER MODULE**

### Overview

Eaton's Auxiliary Power Module (See **Figure 1**) is an intermittent duty device specifically used to power up only the Cutler Hammer® Digitrip™ family of trip units. This permits easy bench testing and field testing of the trip units as well as displaying data, settings and the initial configuring of communication address and baud rates. Additionally, the module will power an OPTIMizer™ handheld programmer.

The Auxiliary Power Module catalog number is **PRTBAPMDV**. (See **Figure 2**) This device permits an input voltage from 100VAC to 240VAC. The output is a regulated DC voltage (nominally 32VDC) when loaded into a Digitrip circuit. The output cable is six feet (1.8m) in length with a keyed output connector. (See **Figure 3**)

In general, when the connector is inserted into the upper right hand corner of the Digitrip product, the status LED should flash, with a one second repetition rate, confirming the trip unit is powered up.

**NOTE:** The end user must supply an appropriate adaptor to convert the device for international use.

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 **CAUTION**

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**OBSERVE ALL RECOMMENDATIONS, NOTES, CAUTIONS, AND WARNINGS RELATING TO THE SAFETY OF PERSONNEL AND EQUIPMENT. OBSERVE AND COMPLY WITH ALL GENERAL AND LOCAL HEALTH AND SAFETY LAWS, CODES, AND PROCEDURES.**

**WARNING**

**ONLY CERTIFIED AND COMPETENT PERSONNEL SHOULD ATTEMPT TO INSTALL OR MAINTAIN POTENTIALLY HAZARDOUS EQUIPMENT.**

**DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH OR SEVERE PERSONAL INJURY CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING. ALWAYS FOLLOW SAFETY PROCEDURES.**

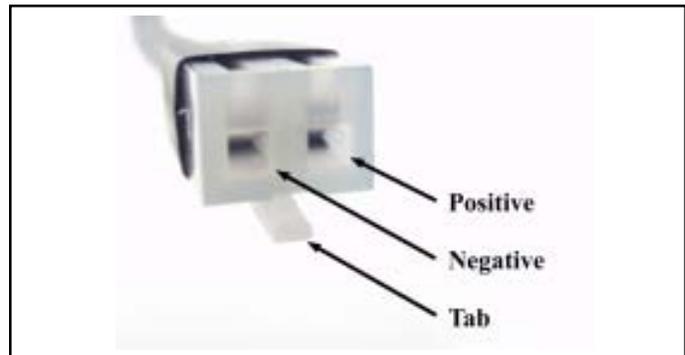
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**FIGURE 2. AUXILIARY POWER MODULE MARKING**

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**FIGURE 3. POLARITY OF CONNECTOR**

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