

- HPACM4
- HPACM8

Power Distribution Modules

Description

The HPACM4 and HPACM8 distribute one (1) 12 to 24 volt AC or DC input over four (4) or eight (8) independently controlled fuse protected outputs. The outputs can also be configured as dry Form "C" contacts. Outputs are activated by an open collector sink or normally open (NO) dry trigger input from an Access Control System, Card Reader, Keypad, Push Button, PIR, etc. This convenient power distribution board has a wide range of applications for access control and security systems including Mag Locks, Electric Strikes, Magnetic Door Holders, etc. Outputs will operate in both fail-safe and fail-secure modes.

The HPACM4 and HPACM8 are designed to be powered by one (1) common source which will provide power for both board operation as well as accessory devices, or can be powered by two independent power sources, one (1) for board power and the other for accessory power. The FACP interface can be used for emergency exit, alarm monitoring, HVAC shut-down, elevator recall, or maybe used to trigger other auxiliary devices.

Benefits

- Interfaces with most popular access control systems.
- Each output configurable as fail-safe, fail-secure power or Form "C" dry for maximum control flexibility.
- Fire alarm interface releases all devices for safety.
- An all in one power supply and distribution unit enclosed in roomy cabinet.
- Transformer thermal protection limits damage from overload circuits.
- LED lights for quick and easy diagnosis, troubleshooting, and status indication.
- Comes fully assembled with accessories included for quick installation.
- Power disconnect switch makes for easy servicing.
- UL listed for U.S. and Canada access control systems.

Specifications

- Listed to Standards UL 294 (Access Control Systems), UL 603 (Power Supplies for use with Burglar-Alarm Systems), and UL 1481 (Power Supplies for Fire-Protective Signaling Systems).
- 12 to 24 volt AC or DC operation (0.6A @ 12 volt, 0.3A @ 24 volt current consumption with all relays energized).
- Power Supply Input Options:
 - A. One (1) common power input (board and lock power).
 - B. Two (2) isolated power inputs (one [1] for board power and one [1] for lock power).
- Eight (8) Access Control System trigger inputs. Input allows any combination of normally open (NO) inputs or open collector sink inputs.
- Eight (8) independently controlled outputs.
- Output Options:
 - A. Eight (8) fail-safe and/or fail-secure power outputs.
 - B. Eight (8) dry Form "C" 5A rated relay outputs.
 - C. Any combination of the above.



HPACM4

- Eight (8) auxiliary power outputs (unswitched).
- Output fuses are rated 2.5A each. Main fuse is rated at 10A.

NOTE: Output current is determined by the power supply, not to exceed 10A total.

- Red LEDs indicate outputs are triggered (relays energized).
- Fire Alarm disconnect (latching or non-latching).
- Fire Alarm Disconnect Input Options:
 - A. Normally open (NO) or normally closed (NC) dry contact input.
 - B. Polarity reversal from FACP signal circuit.
- Fire Alarm Disconnect Output Options:
 - A. Eight (8) outputs affected.
 - B. Four (4) outputs affected, four (4) outputs unaffected (50/50 mode).
- FACP output relay (Form "C" contact rated @ 1A, 28VDC not evaluated by UL).
- Green LED indicated when FACP disconnect is triggered.
- Removable terminal blocks facilitate ease of installation.
- Board Dimensions: 8"L x 4.5"W x 1.25"H (cm: 20.32L x 11.43W x 1.27H)

Agency Listings and Approvals

The listings and approvals below apply to the HPACM4 and HPACM8. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. *Consult factory for latest listing status.*

- **UL Listed:** S6677

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
©2007 by Honeywell International Inc. All rights reserved. Unauthorized use of this document is strictly prohibited.

Automation and Control Solutions

Honeywell

12 Clintonville Road

Northford, CT 06472-1610

www.honeywellpower.com

1(877) HPP-POWR

hpp_techserv@honeywell.com

DH-1022:A
December 2007
Made in the U.S.A.
® U.S. Registered Trademark
© 2007 Honeywell International Inc.
Page 2 of 2



Honeywell