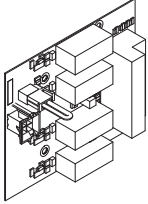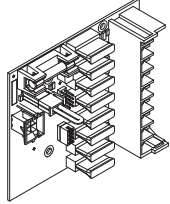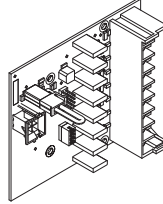# PS-900 Series Option Boards

SCHLAGE

Installation Instructions

⚠ DANGER ⚠

To avoid risk of electric shock, turn off AC power to power supply before installing or wiring option board


This sheet covers:

900-4R	900-8F	900-8P
4 Independently Controlled Relays	8 Fuse Protected Outputs	8 PTC Protected Outputs
Page 2	Page 3	Page 4

Refer to installation instructions for compatible supply models - PS902, PS904, PS906, and PS914.
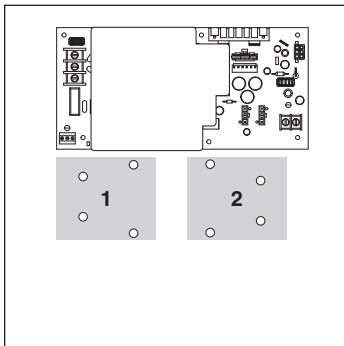
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1 INSTALL OPTION BOARD(S) INTO POWER SUPPLY
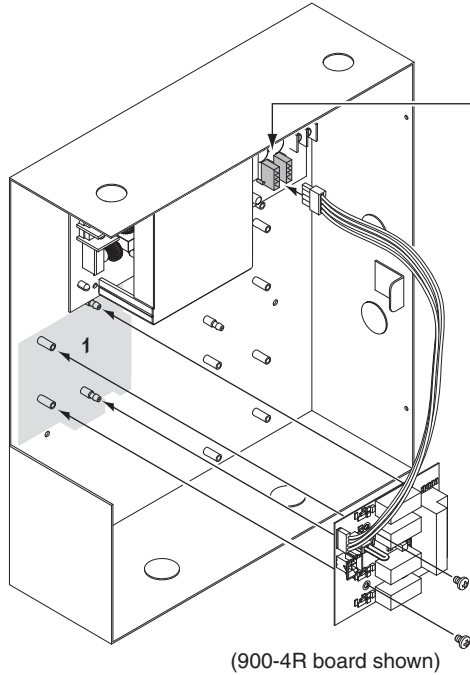
a **Review Available Board Mounting Locations (gray)**

PS902

1

PS904
PS914

1   **2**

PS906

1   **2**

3

(900-4R board shown)
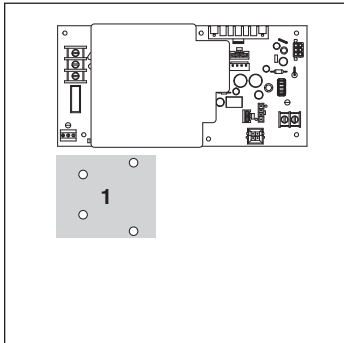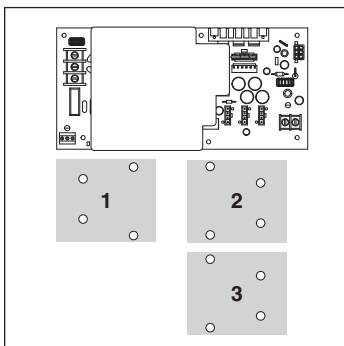
b **Plug Cable into any Available Option Connector**

Option 1   PS902

Option 1 Option 2   PS904, 914
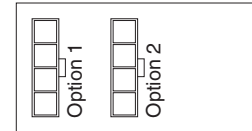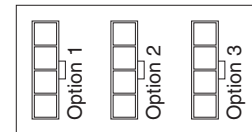
Option 1 Option 2 Option 3   PS906

c **Secure Board(s) with Screws**

Customer Service

1-877-671-7011   www.allegion.com

900-4R Specifications

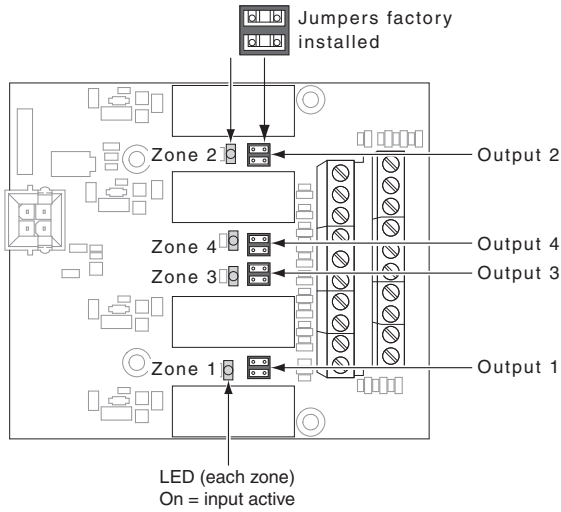| Inputs I1-I4	Dry contacts required (Closed = Active)
	Connect control contacts between SC (Signal Common) and any input
Outputs O1-O4	• Form C contacts rated 30VDC, 3A (dry) • 12/24VDC, 3A (wet) when AC powered • 9.6-13.2VDC or 19.2-26.4VDC when battery powered • Maximum load cannot exceed power supply ratings or 6A for outputs combined
Board Input Power	Board requires 0.18A max. of power supply output current to operate
Temperature Range	32°-120° F (0°- 49° C)
Compliance	UL 294, ULC-S318, RoHS, & FCC Part 15
Fire Alarm Input	Accepts 900-FA Fire Alarm Board (Optional)

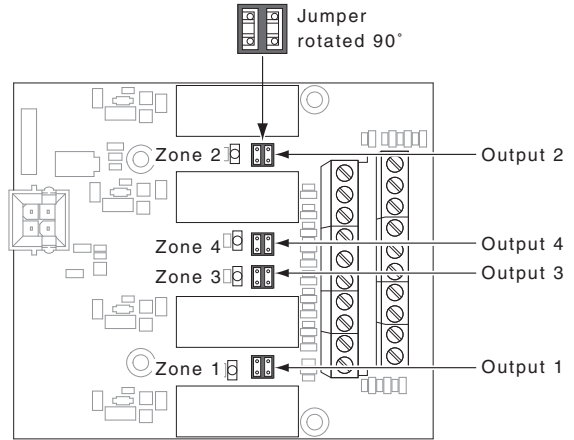Function: Four independent dry-contact inputs control four Form C outputs

Powered Outputs
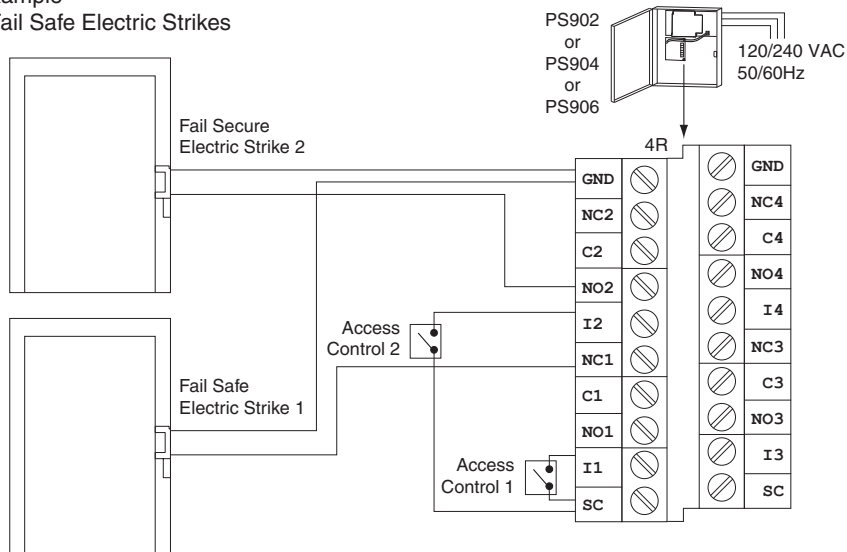
(Default)

By default, all outputs provide 12/24VDC

Jumpers factory installed

Zone 2 — Output 2

Zone 4 — Output 4
Zone 3 — Output 3

Zone 1 — Output 1

LED (each zone)
On = input active

Dry Contact Outputs

(Optional)

For dry contact outputs, remove appropriate jumpers and rotate 90˚, then reinstall (Zone 1 - Zone 4)

Jumper rotated 90˚

Zone 2 — Output 2

Zone 4 — Output 4
Zone 3 — Output 3

Zone 1 — Output 1

900-4R Wiring Example
Fail Secure and Fail Safe Electric Strikes

PS902 or PS904 or PS906

120/240 VAC 50/60Hz

Fail Secure Electric Strike 2

Fail Safe Electric Strike 1

Access Control 2

Access Control 1

4R

GND
NC2
C2
NO2
I2
NC1
C1
NO1
I1
SC

GND
NC4
C4
NO4
I4
NC3
C3
NO3
I3
SC

Note:
Fail secure output only allowed if approved by Authority Having Jurisdiction

Refer to Wire Table (page 4)