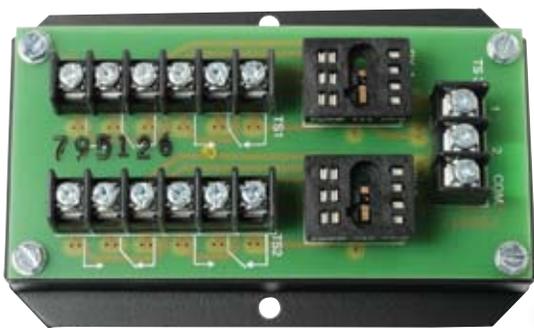




# Modular Relay Packs

## RPM & RLM Series



RPM-2



RPM-4



RLM-24



RLM-24-5

### Features

- Modular Design Provides Configuration & Expansion Flexibility
- Choose From Four Chassis Models
- Select 3Amp or 5Amp 24VDC Relays
- Easy to Install Relay Chassis

### Relay Pack Chassis Modules

#### RPM-2

Relay Socket Quantity	2
Length	4¾" (121mm)
Width	3⅛" (79mm)
Height	1⅝" (24mm) *

#### RPM-4

Relay Socket Quantity	4
Length	5½" (140mm)
Width	4¾" (121mm)
Height	1⅝" (24mm)*

\*Chassis height only. Add 1⅞" for plug-in relay (2.25" total)

### Plug-In Relays (Ordered Separately)

#### RLM-24

Type	DPDT
Contact Material	Fine Silver, Gold Plated
Contact Rating	1mA to 3Amp
Power	24VDC @ 35mA

#### RPM-2

Type	DPDT
Contact Material	Silver-Cadmium Oxide
Contact Rating	500mA – 5Amp
Power	24VDC @ 35mA

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## Applications

The RPM/RLM Series is a modular relay pak line which offers configuration flexibility in reference to number of relays, relay type, and built-in expansion. There are consists of two basic chassis models (RPM-2, and -4) and two types of plug-in relays (RLM-24, RLM-24-5).

Modular units are ideal for application where a 24VDC, DPDT relay is required, including institutional, industrial, corporate, and manufacturing facilities, where zone paging, back-ground music, intercom, and telephone systems are used.

RLM-24 and RLM-24-5 are 24VDC plug-in relays equipped with three, and five amp contacts, respectively. The RLM-24 is commonly used for switching low level circuits (1mA minimum to 3Amp maximum) with virtually no long term oxidation problems. RLM-24-5 is used for switching higher currents (500mA minimum to 5Amp maximum).

## General Description

Chassis Models RPM-2, and -4 have provisions for 2, and 4 relays respectively. One side of each relay coil is terminated on same terminal, eliminating the need for bussing. These units have painted steel chassis with rugged fiberglass printed circuit boards. All relay contacts are clearly silk screened on each PC board for easy circuit wiring, and are terminated on barrier-type screw terminals to prevent accidental shorting. Chassis are equipped with insta-mount tape for quick and easy installation on most surfaces.

Relay RLM-24 has fine silver, gold-plated contacts, while RLM-24-5 features silver-cadmium oxide contacts. Both ship complete with Atlas Sound's hold down spring.

Relay chassis and relays are ordered separately so unused chassis sockets can be saved for future expansion.

## Architect and Engineer Specifications

The relay assemblies shall consist of Atlas Sound Model [RPM-2 and -4] Relay Pak Chassis with Model \_\_\_\_\_[RLM-24 (RLM-24-5)] plug-in relays. Relays shall be completely enclosed for mechanical protection and dust free operation. Each relay shall terminate on a screw-type barrier strip for accidental short prevention. The relays shall be 24VDC, DPDT. Model RLM-24 shall have fine-silver, gold-plated contacts. Model RLM-24-5 shall have silver-cadmium oxide contacts. Relay circuit connections shall be silk screened on Relay Pak chassis for ease of circuit wiring. Chassis shall be plated steel and include pressure sensitive tape for instant mounting and fiberglass PC board for relay sockets and termination.

### TYPICAL WIRING DIAGRAM

(RPM-4 Chassis Layout Shown)

