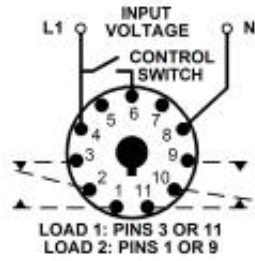




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Use socket: 70170-D

ARP120A2R

Family: ALTERNATING RELAY
Function: DPDT
Input: 120 VAC
Output: 10A DPDT

Distributor Stock Status:

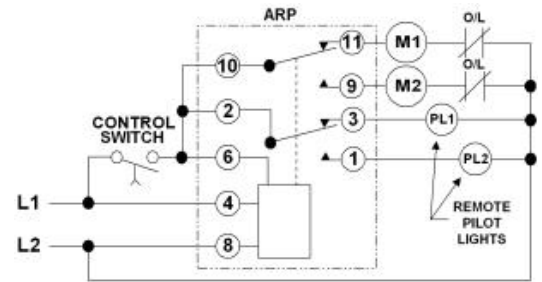
The **ARP120A2R** is not stocked by any Macromatic distributor. Contact Macromatic for more information on how to purchase this product.

Image may not be exact product—for reference only.

Description of function:

In the off state, the Control Switch is open, the Alternating Relay is in the LOAD A position, and both loads (M1 & M2) are off. When the Control Switch closes, it energizes the first load (M1). The red LED marked "LOAD A" glows. As long as the Control Switch remains closed, M1 remains energized. When the Control Switch opens, the first load (M1) is turned off and the Alternating Relay toggles to the LOAD B position. When the Control Switch closes again, it energizes the second load (M2). The red LED marked "LOAD B" glows. When the Control Switch opens, the second load (M2) is turned off, the Alternating Relay toggles back to the LOAD A position, and the process can be repeated again.

Function Chart:

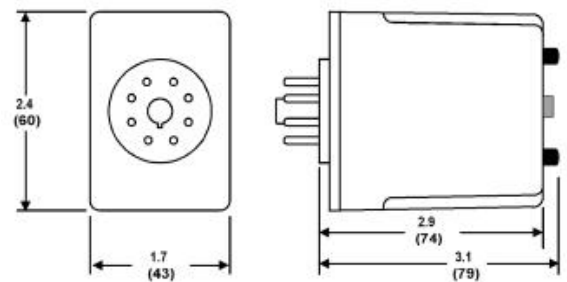


- **Voltage Tolerance:** AC Operation: +10/-15% of nominal at 50/60 Hz.
- **Load (Burden):** Less than 3 VA
- **Indicator LEDs:** Two LEDs marked LOAD A and LOAD B
- **Output Contacts:** 10A @ 240V AC/30V DC, 1/2HP @ 120/240V AC (N.O.), 1/3HP @ 120/240V AC (N.C.)
- **Life:** Mechanical: 10,000,000 operations; Full Load: 100,000 operations
- **Temperature:** -28° to 65° C (-18° to 149° F)
- **Insulated Voltage:** 2,000 volts

• Approvals:



Dimensions



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[7-1393144-5](#) [7-1393767-8](#)