

The **ARC/ARD Series** is a duplexor that detects input of float switch inputs and determines outputs to turn on with line voltage. As the lag and lead switches open, the loads remain energized. When all switches open both loads de-energize simultaneously and the lead load alternates. The ARD series has a 3 position selector switch to lock it into normal duplexing action, 1-2 sequence or 2-1 sequence.

## Sequence On-Simultaneous Off (SOSO)

### SPECIFICATIONS

|                        |  |                                 |
|------------------------|--|---------------------------------|
| <b>CONTROL VOLTAGE</b> | 120 VAC +10/-20 %  |                                 |
| <b>POWER REQUIRED</b>  | Less than 3 VAC  |                                 |
| <b>DUTY CYCLE</b>      | Continuous   |                                 |
| <b>LIFE EXPECTANCY</b> | Mechanical   | 10,000,000 Operations (Minimum) |
|                        | Electrical   | 100,000 Operations @ Rated Load |
| <b>INDICATORS</b>      | LED Shows Output Position  |                                 |
| <b>TEMPERATURES</b>    | Operate  | 32 to 149°F (0 to 65°C)         |
| <b>RATING</b>          | Storage  | -40° to 185°F (-40° to +85°C)   |
| <b>CONTACT RATING</b>  | 5 Amps Resistive @ 120 VAC (Single Output)<br>1/6 hp @ 120 VAC (Single Output)<br>10 Amps Res. @ 120 VAC (Combined Output)<br>1/3 hp @ 120 VAC (Combined Output) |                                 |
| <b>ENCLOSURE</b>       | "A" Lexan® Dust Cover  |                                 |
| <b>TERMINATIONS</b>    | Industrial Plug-in   |                                 |
| <b>WEIGHT</b>          | 6.4 oz.  |                                 |

### MODEL NUMBER

|   |    |  |     |   |   |   |
|---|----|--|-----|---|---|---|
| <b>MODEL NUMBER</b>                           | AR |  |     |   |   | A |
| <b>TYPE OF ALTERNATING RELAY</b>              |    |  |     |   |   |   |
| Standard Duplexor                             | C  |  |     |   |   |   |
| Special Function Duplexor                     | D  |  |     |   |   |   |
| <b>CONTROL VOLTAGE</b>                        |    |  | 120 |   |   |   |
| 120 VAC                                       |    |  |     |   |   |   |
| <b>TYPE OF VOLTAGE</b>                        |    |  |     | A |   |   |
| VAC   |    |  |     |   |   |   |
| <b>CONTACT CONFIGURATION</b>                  |    |  |     |   | A |   |
| SPDT Two Line Voltage Outputs<br>(Crosswired) |    |  |     |   |   |   |
| <b>ENCLOSURE STYLE</b>                        |    |  |     |   |   | A |

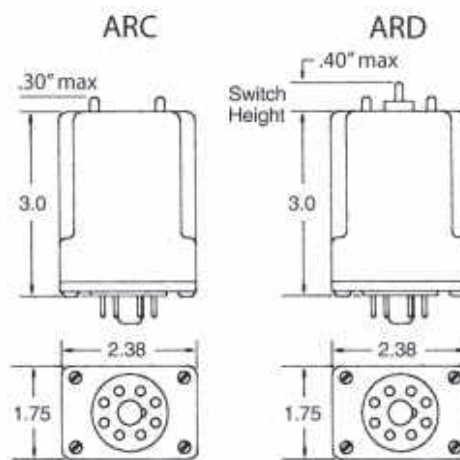
### ORDER

AUC120AAA and AUD120AAA which includes socket OT08 as UL listed Unit



Duplexor

### DIMENSIONS (INCHES)



### WIRING

