



# Dry Contact Input Relays

The Dry Contact Input RIB® series offers all the advantages of the standard RIB® line plus it can be activated by a wide range of dry-contacts such as thermostats, current switches, other relays, solid-state switches, etc. The Dry Contact Input RIB® accepts local power to provide the low-voltage (Class 2) power needed to activate the relay; just close the dry-contact input. The power to energize the relay can be brought to the relay on a separate pair of wires along with the control output of a controller, or can be a local power source near the relay. The relay contacts are isolated from the input power and the dry contact input; thus, the relay contacts can be wired to switch any other power-load or low-voltage load (see specifications for contact ratings.) One model can be used for many installations (model RIB21CDC can be powered from any voltage from 120 Vac to 277 Vac; see specifications for the input power of other models.)



## Enclosed Dry Contact Input Relays

Quick Reference Chart. For Details See Spec Page.

| MODEL #        | POWER INPUT | RELAYS | CONTACTS | CONTACT RATINGS |       |         |          | PILOT DUTY | OVERRIDE SWITCH | GOLD FLASH | NOTES | SPEC PAGE |
|----------------|-------------|--------|----------|-----------------|-------|---------|----------|------------|-----------------|------------|-------|-----------|
|                |             |        |          | RESISTIVE       | MOTOR | BALLAST | TUNGSTEN |            |                 |            |       |           |
| RIB21CDC       | 120-277 Vac | 1      | SPDT     | 10 A            | 1 HP  |         |          | 770 VA     |                 |            | *     | 64        |
| RIB01BDC       | 120 Vac     | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    |                 |            | *     | 64        |
| RIB02BDC       | 208-277 Vac | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    |                 |            | *     | 64        |
| RIB01SBDC      | 120 Vac     | 1      | SPST     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    | 1               |            | *     | 65        |
| RIB02SBDC      | 208-277 Vac | 1      | SPST     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    | 1               |            | *     | 65        |
| RIB01SBDCDC    | 120 Vac     | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    | 2               |            | *     | 65        |
| RIB02SBDCDC    | 208-277 Vac | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    | 2               |            | *     | 66        |
| RIBD01BDC+     | 120 Vac     | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    |                 |            | *     | 68        |
| RIBD02BDC+     | 208-277 Vac | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    |                 |            | *     | 69        |
| RIBD01BDC-DOB+ | 120 Vac     | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    |                 |            | *     | 67        |
| RIBD02BDC-DOB+ | 208-277 Vac | 1      | SPDT     | 20 A            | 2 HP  | 20 A    | 1200W    | 1110 VA    |                 |            | *     | 70        |

## Track Mount Dry Contact Input Relays

Quick Reference Chart. For Details See Spec Page.

| MODEL #    | POWER INPUT | RELAYS | CONTACTS | CONTACT RATINGS |        |         |          | PILOT DUTY | OVERRIDE SWITCH | GOLD FLASH | NOTES | SPEC PAGE |
|------------|-------------|--------|----------|-----------------|--------|---------|----------|------------|-----------------|------------|-------|-----------|
|            |             |        |          | RESISTIVE       | MOTOR  | BALLAST | TUNGSTEN |            |                 |            |       |           |
| RIBM01ZNC  | 120 Vac     | 1      | DPDT     | 30 A            | 3 HP   | 20 A    |          | 1640 VA    |                 | •          | *     | 66        |
| RIBM02ZNC  | 208-277 Vac | 1      | DPDT     | 30 A            | 3 HP   | 20 A    |          | 1640 VA    |                 | •          | *     | 66        |
| RIBM013PNC | 120 Vac     | 1      | 3PDT     | 30 A            | 7.5 HP | 20 A    |          | 2122 VA    |                 |            | *     | 67        |

= UL Listed : UL916 Energy Management; USA & Canada

\* = See Application Notes 6 on page 152 and 10 & 11 on page 154

= UL Component Recognized : UL916 Energy Management; USA & Canada

+ = Time Delay

