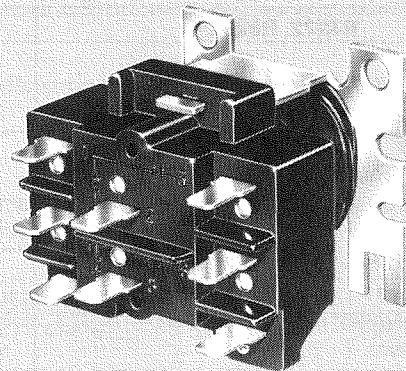


Honeywell

THE R4222, R8222, R4228 AND R8228 ARE GENERAL PURPOSE RELAYS FOR USE IN REFRIGERATION AND AIR CONDITIONING EQUIPMENT, APPLIANCES, VENDING MACHINES, AND OTHER APPLICATIONS REQUIRING GENERAL PURPOSE SWITCHING.

- R4222 and R8222 contacts are available for Powerpile (millivoltage), pilot duty, and power pole applications.
- R4228 and R8228 have power rated contacts only.
- R4222 and R4228 models have line voltage (120, 208/240, 277, or 480 Vac) coils. R8222 and R8228 models have low voltage (24 Vac) coils.
- Models available with a variety of switching configurations.
- Laminated magnet construction for high efficiency.
- Contacts rated for voltages up to 600 Vac.
- Molded terminal numbers and circuit diagram on top of relay provide easy identification for wiring and checking system operation.
- Relay constructed for high reliability.
- Quick-connect terminals are standard; double quick-connects available on coil terminals.

SWITCHING RELAYS



**R4222; R8222;
R4228; R8228**

SPECIFICATIONS

IMPORTANT

THE SPECIFICATIONS GIVEN IN THIS PUBLICATION DO NOT INCLUDE NORMAL MANUFACTURING TOLERANCES. THEREFORE, THIS UNIT MAY NOT MATCH THE LISTED SPECIFICATIONS EXACTLY. ALSO, THIS PRODUCT IS TESTED AND CALIBRATED UNDER CLOSELY CONTROLLED CONDITIONS, AND SOME MINOR DIFFERENCES IN PERFORMANCE CAN BE EXPECTED IF THOSE CONDITIONS ARE CHANGED.

TRADELINE MODELS

TRADELINE models are selected and packaged to provide ease of stocking, ease of handling and maximum replacement value. TRADELINE model specifications are the same as those of standard models except as noted below.

TRADELINE MODELS AVAILABLE:

R4222B,D,N,V Switching Relay—line voltage.
 R8222B,D,N,V Switching Relay—low voltage.
 R4228A,B,D Heavy-duty Relay—line voltage.
 R8228A,B,D Heavy-duty Relay—low voltage.

TERMINALS: R4222, R8222, R4228D and R8228D have single quick-connects on poles, double quick-connects on coil terminals. R4228A,B and

R8228A,B have double quick-connects on poles and double quick-connects on coil terminals.
 SWITCHING CONFIGURATIONS: R4222 and R8222, see Table II. R4228 and R8228, see Table I.

ADDITIONAL FEATURES:

TRADELINE pack with cross reference label and special instruction sheet.

STANDARD MODELS

MODELS:

R4222—General purpose relay: 120, 208/240, 277, and 480 Vac coil.
 R8222—General purpose relay: 24 Vac coil.

R4228—Heavy-duty general purpose relay: 120, 208/240, 277, and 480 Vac coil.

R8228—Heavy-duty general purpose relay: 24 Vac coil.

CONTACT RATINGS:

Power Pole (amperes per pole)—

R4222, R8222 ^c	120 Vac	208 Vac	240 Vac	277 Vac	480 Vac
Inductive					
Full Load	12	6	6	6	3
Locked Rotor	60	35	35	35	18
Resistive					
A and C Models ^b (equivalent resistive power)	20.8 (2.5 kW)	20.8 (4.3 kW)	20.8 (5.0 kW)	20.8 (5.7 kW)	10 (4.8 kW)
All Others ^b	15	15	15	15	10
Combined Ratings for A and C Models ^a					
Resistive (equivalent resistive power)	12.5 (1.5 kW)	12.5 (2.6 kW)	12.5 (3.0 kW)	12.5 (3.4 kW)	6.25 (3.0 kW)
Inductive	+4.2 AFL 10.0 ALR	+4.2 AFL 10.0 ALR	+4.2 ALF 10.0 ALR	+4.2 AFL 10.0 ALR	+2.1 AFL +5.0 ALR
Horsepower	3/4 hp	3/4 hp	3/4 hp	3/4 hp	3/4 hp

^aCombined ratings indicate that both a resistive and inductive load can be operated by each pole.

^bAlso rated 5 amp resistive at 600 volts. ^cUnderwriters Laboratories Inc. and CSA approved for 50 cycle applications.

ORDERING INFORMATION

WHEN PURCHASING REPLACEMENT AND MODERNIZATION PRODUCTS FROM YOUR TRADELINE WHOLESALER OR YOUR DISTRIBUTOR, REFER TO THE TRADELINE CATALOG OR PRICE SHEETS FOR COMPLETE ORDERING NUMBER, OR SPECIFY—

1. Order number, include suffix letter and specify TRADELINE if desired.
2. Contact ratings.
3. Coil ratings.
4. Double quick-connects on coil terminals if desired.
5. Accessories.

IF YOU HAVE ADDITIONAL QUESTIONS, NEED FURTHER INFORMATION, OR WOULD LIKE TO COMMENT ON OUR PRODUCTS OR SERVICES, PLEASE WRITE OR PHONE:

1. YOUR LOCAL HONEYWELL RESIDENTIAL DIVISION SALES OFFICE (CHECK WHITE PAGES OF PHONE DIRECTORY).
2. RESIDENTIAL DIVISION CUSTOMER SERVICE
 HONEYWELL INC., 1885 DOUGLAS DRIVE NORTH
 MINNEAPOLIS, MINNESOTA 55422-4386 (612) 542-7500

IN CANADA—HONEYWELL CONTROLS LIMITED, 740 ELLESMERE ROAD, SCARBOROUGH, ONTARIO M1P 2V9.
 INTERNATIONAL SALES AND SERVICE OFFICES IN ALL PRINCIPAL CITIES OF THE WORLD.