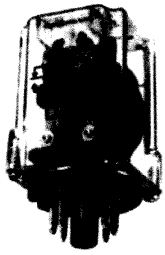




KRPA



KRP



KA

FEATURES

- Industry standard octal-type termination for quick installation.
- Contact arrangements from 1 Form C (SPDT - NO) to 3 Form C (3PDT).
- Indicator lamp and push-to-test options available on certain models.
- The KRPA series is the automated manufactured version of the KRP series.
- Hermetically sealed option available with KR UL recognized for Class I Div. 2 Hazardous locations, Groups A, B, C, D.

CONTACT DATA @ 25°C

Arrangements: See Ordering Information Table.

Materials: Silver or silver-cadmium oxide, with or without gold flashing.

Expected Life: 10 million operations min., mechanical; 100,000 operations min. @ rated loads.

KA, KRP, KRPA UL/CSA CONTACT RATINGS @ 25°C (KR not UL Rated)

Contact Code	Arrangement	Contact Rating
Y (Silver)	1, 2, 3 Poles	5A @ 120VAC 3A @ 240VAC 1/10HP @ 120VAC 1/6HP @ 240VAC
G&N (Silver-Cad. Oxide)	1, 2, 3 Poles	10A @ 240VAC 1/2 HP @ 240VAC 1/3HP @ 120VAC

KRP, KRPA FACTORY RATINGS

Contact Code	Arrangement	Contact Rating
Y	1, 2, 3 Poles	5A @ 28VDC, 120VAC, 80% PF
G&N	1, 2, 3 Poles	10A @ 28VDC, 120VAC, 80% PF 6A @ 250VAC

KA UL CONTACT RATINGS

Contact Code	Series	Contact Ratings
Y	KA ¹	5A @ 120VAC, 3A @ 240VAC, 1/10 HP @ 120VAC, 1/6 HP @ 240VAC
G	KA ²	10A @ 120VAC, 6A @ 240VAC 1/6 HP @ 120VAC, 1/3 HP @ 240VAC

¹Listed by C.S.A. for 5A @ 120VAC 80% PF
²Listed by C.S.A. for 10A @ 120VAC 80% PF

INITIAL DIELECTRIC STRENGTH

Between Open Contacts: 500V rms.
Between All Elements: 1,500V rms.

KRPA, KRP, KA series

5 to 10 AMP GENERAL PURPOSE RELAY

File E29244, E22575

File LR15734

COIL DATA @ 25°C

		Nominal Power	Maximum Power
KRP	AC	2VA	Open Models - 5VA Enclosed Models - 4VA
KRPA	DC	1.2W	Open Models - 4W Enclosed Models - 3W
KA	AC	2VA	Open Models - 4VA
	DC	125mW per movable arm	Open Models - 4W

Duty Cycle: Continuous.

Initial Insulation Resistance: KRP, KRPA - 1000 Megohms, min.
KA - 100 Megohms, min.

COIL DATA @ 25°C

		Nominal Voltage	DC Resistance (Ω) ±10%	Nominal Coil Current (mA)
DC Coils		6	32	188
		12	120	100
		24	472	51
		48	1,800	26.6
		110	10,000	11.5
Use 110V relay with 10,000 Ω 5W Resistor in series				
AC Coils		6	6	335
		12	24	168
		24	85	84
		120	2,250	17.5
		240	9,110	8.75

OPERATE DATA @ 25°C

Must-Operate Voltage:

DC: 75% or less of nominal voltage.

AC: 85% or less of nominal voltage.

Operate Time (Excluding Bounce):

15 milliseconds typical @ nominal voltage.

Release Time (Excluding Bounce):

10 milliseconds typical @ nominal voltage.

ENVIRONMENTAL DATA

Temperature Range:

Open Models: AC: -45°C to +70°C

DC: -45°C to +85°C.

Enclosed Models: AC: -45°C to +55°C

DC: -45°C to +70°C

MECHANICAL DATA

Open Models: Solder Terminals.

Enclosed Models: Octal-Type Plug.

Enclosures: Transparent Polycarbonate.

Hermetically sealed metal case.

Also available with KR.

Weight: KA: 1.7 oz. (48.2 g) approximately.

KRPA, KRP: 3.0 oz. (85 g) approximately.

Note: See KRPA, KRP, KA, KR-E Ordering Information table.