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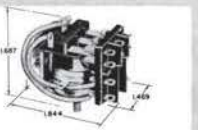
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GENERAL PURPOSE RELAYS

TYPE	COILS: Voltage or Current	COILS: Resistance in Ohms	CONTACTS: Nominal Power	CONTACTS: Arrangement	CONTACTS: Rate in Amps	SUGG. RESALE PRICE
KA5AY	6V	6	2VA	2PDT	5	$3.35
KA5AY	12V	21	2VA	2PDT	5	3.35
KA5AY	24V	75	2VA	2PDT	5	3.35
KA5AY	120V	2,250	2VA	2PDT	5	3.35
KA5AY	240V	9,110	2VA	2PDT	5	3.80
KA5AG	6V	6	2VA	2PDT	10	3.40
KA5AG	12V	21	2VA	2PDT	10	3.40
KA5AG	24V	75	2VA	2PDT	10	3.40
KA5AG	120V	2,250	2VA	2PDT	10	3.40
KA5AG	240V	9,110	2VA	2PDT	10	3.85
KA5DY	6V	32.1	1.2W	2PDT	5	3.20
KA5DY	12V	120	1.2W	2PDT	5	3.20
KA5DY	24V	472	1.2W	2PDT	5	3.20
KA5DY	110V	10,000	1.2W	2PDT	5	3.85
KA5DG	6V	32.1	1.2W	2PDT	10	3.25
KA5DG	12V	120	1.2W	2PDT	10	3.25
KA5DG	24V	472	1.2W	2PDT	10	3.25
KA5DG	110V	10,000	1.2W	2PDT	10	3.90
KA11AY	6V	4	2VA	DPDT	5	4.05
KA11AY	12V	21	2VA	DPDT	5	4.05
KA11AY	24V	75	2VA	DPDT	5	4.05
KA11AY	120V	2,250	2VA	DPDT	5	4.05
KA11AY	240V	9,110	2VA	DPDT	5	4.45
KA11AG	6V	6	2VA	DPDT	10	4.15
KA11AG	12V	21	2VA	DPDT	10	4.15
KA11AG	24V	75	2VA	DPDT	10	4.15
KA11AG	120V	2,250	2VA	DPDT	10	4.15
KA11AG	240V	9,110	2VA	DPDT	10	4.55
KA11DY	6V	32.1	1.2W	DPDT	5	3.55
KA11DY	12V	120	1.2W	DPDT	5	3.55
KA11DY	24V	472	1.2W	DPDT	5	3.55
KA11DY	110V	10,000	1.2W	DPDT	5	4.20
KA11DG	6V	32.1	1.2W	DPDT	10	3.70
KA11DG	12V	120	1.2W	DPDT	10	3.70
KA11DG	24V	472	1.2W	DPDT	10	3.70
KA11DG	110V	10,000	1.2W	DPDT	10	4.30
KA14AY	6V	6	2VA	3PDT	5	4.45
KA14AY	12V	21	2VA	3PDT	5	4.45
KA14AY	24V	75	2VA	3PDT	5	4.45
KA14AY	120V	2,250	2VA	3PDT	5	4.45
KA14AY	240V	9,110	2VA	3PDT	5	4.90
KA14AG	6V	6	2VA	3PDT	10	4.60
KA14AG	12V	21	2VA	3PDT	10	4.60
KA14AG	24V	75	2VA	3PDT	10	4.60
KA14AG	120V	2,250	2VA	3PDT	10	4.60
KA14AG	240V	9,110	2VA	3PDT	10	5.05
KA14DY	6V	32.1	1.2W	3PDT	5	4.05
KA14DY	12V	120	1.2W	3PDT	5	4.05
KA14DY	24V	472	1.2W	3PDT	5	4.05
KA14DY	110V	10,000	1.2W	3PDT	5	4.65
KA14DG	6V	32.1	1.2W	3PDT	10	4.20
KA14DG	12V	120	1.2W	3PDT	10	4.20
KA14DG	24V	472	1.2W	3PDT	10	4.20
KA14DG	110V	10,000	1.2W	3PDT	10	4.85
KAP5AG§	6V	75	2VA	5PDT	10	5.80
KAP5AG§	120V	2,250	2VA	5PDT	10	5.80
KAP5DG§	24V	472	1.2W	5PDT	10	5.70
KAP5DG§	110V	10,000	1.2W	5PDT	10	6.35
KAP11AY§	24V	75	2VA	DPDT	5	6.35
KAP11AY§	120V	2,250	2VA	DPDT	5	6.35
KAP11AY§	240V	9,110	2VA	DPDT	5	6.75
KAP11AG§	6V	6	2VA	DPDT	10	6.45
KAP11AG§	24V	75	2VA	DPDT	10	6.45
KAP11AG§	120V	2,250	2VA	DPDT	10	6.45
KAP11DG§	24V	472	1.2W	DPDT	10	6.40
KAP11DG§	110V	10,000	1.2W	DPDT	10	7.05
KAP11DY§	12V	120	1.2W	DPDT	5	6.30
KAP11DY§	24V	472	1.2W	DPDT	5	6.30
KAP11DY§	110V	10,000	1.2W	DPDT	5	6.95
KAP14AY§	24V	75	2VA	3PDT	5	7.90
KAP14AY§	120V	2,250	2VA	3PDT	5	7.90
KAP14AY§	240V	9,110	2VA	3PDT	5	8.30
KAP14AG§	24V	75	2VA	3PDT	10	8.05
KAP14AG§	120V	2,250	2VA	3PDT	10	8.05
KAP14DG§	24V	472	1.2W	3PDT	10	8.00
KAP14DG§	110V	10,000	1.2W	3PDT	10	8.60
KAP14DY§	12V	120	1.2W	3PDT	5	7.80
KAP14DY§	24V	472	1.2W	3PDT	5	7.80
KAP14DY§	110V	10,000	1.2W	3PDT	5	8.45
KHP17A11§	6V	10.5	1.2VA	4PDT	3	5.55
KHP17A11§	12V	43	1.2VA	4PDT	3	5.55
KHP17A11§	24V	160	1.2VA	4PDT	3	5.55
KHP17A11§	120V	3,900	1.2VA	4PDT	3	6.05
KHP17D11§	6V	40	900mW	4PDT	3	5.05
KHP17D11§	12V	160	900mW	4PDT	3	5.05
KHP17D11§	24V	650	900mW	4PDT	3	5.05
KHP17D11§	24V	650	900mW	4PDT	3	5.20
KHP17D11§	48V	2,600	900mW	4PDT	3	5.25
KHP17D11§	90V	9,000	900mW	4PDT	3	5.90
KHP17D11§	110V	11,000	900mW	4PDT	3	5.90
KHP17D12§	110V	11,000	900mW	4PDT	3	6.05
KHS17A11§	6V	10.5	1.2VA	4PDT	3	9.35
KHS17A11§	12V	43	1.2VA	4PDT	3	9.35
KHS17A11§	24V	160	1.2VA	4PDT	3	9.35
KHS17A11§	120V	3,900	1.2VA	4PDT	3	9.90
KHS17D11§	6V	40	900mW	4PDT	3	8.55
KHS17D11§	12V	160	900mW	4PDT	3	8.55
KHS17D11§	24V	650	900mW	4PDT	3	8.55
KHS17D11§	110V	11,000	900mW	4PDT	3	9.40
KL5A	120V	760	2.9VA	SPDT	5	4.85
KL5D	12V	140	1.1W	SPDT	5	5.80
KL5D	24V	600	1.1W	SPDT	5	5.80
KL11A	12V	7.8	2.9VA	DPDT	5	5.05
KL11A	24V	33	2.9VA	DPDT	5	5.05
KL11A	120V	760	2.9VA	DPDT	5	5.05
KL14A	24V	33	2.9VA	3PDT	5	5.60
KL14A	120V	760	2.9VA	3PDT	5	5.60
KL14D	24V	600	1.1W	3PDT	5	5.40
KL14D	110V	10,000	1.1W	3PDT	5	6.05
KL17A	6V	2.25	2.9VA	4PDT	5	6.60
KL17A	24V	33	2.9VA	4PDT	5	6.60
KL17A	120V	760	2.9VA	4PDT	5	6.60
KL17D	12V	140	1.1W	4PDT	5	6.30
KL17D	24V	600	1.1W	4PDT	5	6.30
KL17D	110V	10,000	1.1W	4PDT	5	6.95

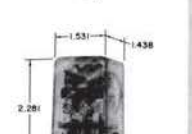


KA AND KAP SERIES Small, low cost, highly efficient general purpose relays for handling light power loads such as small motors, solenoids and other relays, and general automation work. All KA and KAP relays with "Y" suffix bear CSA* listing and carry U/L component recognition (File No. E22575). Mechanical life expectancy: 10 million operations. Duty: Continuous. Contacts: Movable, ¼" dia. gold-flashed silver; stationary, ⅜" dia. wide silver overlay.

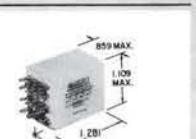
The KA is the open version of this series. Mounting: One No. 6-32 threaded stud and locating tab on .⅄" centers. Weight: 2 ozs. The KAP is the enclosed model and is protected by a clear, high impact plastic dust cover. Terminals: 8 or 11-pin plug. Weight: 3 ozs.

"G" suffix indicates silver-cadmium-oxide contacts on movables rated 10 amps.

KAP hold down spring,
9KA1 50 per box, weight 3 ozs. Net $5.50



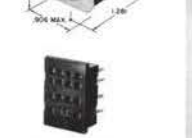


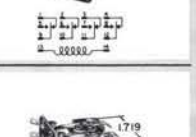


KHP AND KHS SERIES Small, rugged, 4PDT, available for AC or DC operation, KHP has nylon dust cover; KHS is hermetically sealed in metal enclosure. These relays are designed to meet the exacting requirements of data processing, computer and process control applications. Contacts are ⅛" gold-flashed silver and are rated 3 amps @ 30V DC or 120V AC resistive for 100,000 operations. "12" suffix indicates silver-cadmium-oxide contacts. Mounting: Solder terminals with a No. 3-48 stud ⅜" long. Adaptable to sockets (below) with printed circuit or solder lug terminals. Weights without sockets: KHP 1¼ ozs.; KHS 1½ ozs.

KHP hold down spring (similar to KCP-KRP, page 3).
9KH3 50 per box, weight 3 ozs. Net $5.50
9KH1 Solder terminal sockets and retainers. Box of 10 Net $6.60
9KH2 Printed circuit terminal sockets, Box of 10 Net $6.60
Weight per box: 4 ozs.







KL SERIES Multiple contact relay. Varied contact combinations and high dielectric phenolic insulation affords extreme versatility and utility. Widely used in such applications as industrial controls, elevator controls, communications equipment and electronic measuring devices. Mounting: All models—Two No. 6-32 tapped holes on 1⅛" centers. Contacts: ¼" dia. gold-flashed silver. Weight: 5 ozs.

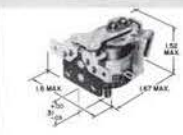


*Canadian Standards Association File No. LR-15734

†Sealed Relay
§Enclosed Relay

See ordering information on page 1.

KR3-H SERIES Ruggedly constructed but of small size, KR3-H is a heavy duty relay especially designed for applications where limited space is a factor. Its heavy duty copper alloy movable contact carrier has twin 1" dia. silver-cadmium-oxide contacts rated 20 amps @ 120V AC 60 Hz resistive, or 28V DC; 1 HP 120/240V 60 Hz. Contact arrangement is 1 Form X (SPST-NO-DB) only. Terminals: suitable for ¼" quick connect, also solder; for contacts: solder only for coil. Size: 1.6" x 1.671" x 1.62". Seated height: 1.21". Mounting: One 6-32 stud and locating tab on .437" centers. Weight: 2 ozs.



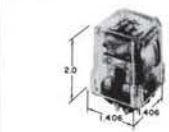
KRP3-H SERIES All electrical specifications listed above for the KR3-H series relays apply to the KRP3-H. However, the KRP3-H is enclosed in a clear, high impact plastic dust cover and features an octal plug-in base. Weight: Approximately 3 ozs.

KRP SERIES Versatile, multi-contact arrangement. Enclosed in a clear high impact plastic dust cover. Standard 8-pin octal-type plug for KRP5 and KRP11, 11-pin for KRP-14. Weight: Approx. 3 ozs. Contacts: 5 amp, ⅛" dia. gold-flashed silver, 10 amp ⅄" dia. silver cadmium-oxide. See KCP-KRP hold down spring for special mounting applications. See KRP-N indicator lamp relay for current monitoring applications.



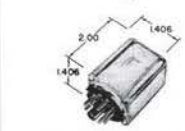


KRP-N INDICATOR LAMP RELAY A general purpose relay incorporating a lamp to indicate current or voltage availability in power circuit. Contacts: ⅛" dia. silver cadmium-oxide. Enclosure: Clear, high impact plastic dust cover. Mounting: Standard octal plug. Weight: Approx. 3 ozs.



"P" — CASE A clear high impact plastic case for mounting rectifiers, capacitors, resistors or a combination of these. Available with octal-type plug with 8 or 11-pins. Comes complete with four screws. Weight: .5 ozs. each. See KCP-KRP Hold Down Spring for special mounting applications.

35D070 Case (8-pin plug) NET $ .60
35D072 Case (11-pin plug) NET $ .75

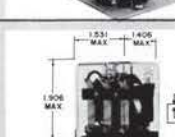


KCP-KRP HOLD DOWN SPRING Designed to insure secure mounting of relay in any position. Fits all KCP or KRP plug-in relays. Durable stainless steel spring can be moved aside for relay removal or installation. Mounting: Two ⅛" dia. holes on 1⅛" centers; will accommodate machine screws or rivets. Available in quantities of 50 per box. Weight: 3 ozs. per box.

9-KR-15 NET $5.50



KUP SERIES This reliable 10-ampere relay for industrial control is available with a socket that is also rated 10 amperes. The .187" terminals of the socket are of the quick-connect/solder type. Sockets are priced separately and their terminals are of the pierced solder type. The KUP is enclosed in a clear, high impact plastic dust cover. Silver-cadmium-oxide contacts assure long contact life. Operation: Continuous. Weight: 3 ozs.



9KU1 pierced solder terminals sockets for KUP plain case relays. Rated 10 amperes; molded nylon. Mounting hole .165"dia.

Box of 5 NET $3.75

9KU2 printed circuit pin terminal sockets for KUP relays. Will accept .187" terminals of KUP in plain case. Molded nylon. Mounting hole .165"dia.

Box of 5. NET $4.50



9KU3 hold down springs for KUP plain case relays. Spring fits mounting holes of either of above sockets. Allows mounting of relays in any position.

Box of 50. NET $5.00



KUP SERIES with slotted flange case for direct-to-chassis mounting. Identical in both electrical and mechanical specifications as the KUP described above, except that they are not suitable for socket mounting. The .187" terminals are of the quick-connect/solder type. Slot width: .156". Weight: 3 ozs.

GENERAL PURPOSE RELAYS

TYPE	COILS: Voltage or Current	COILS: Resistance in Ohms	CONTACTS: Nominal Power	CONTACTS: Arrangement	CONTACTS: Rate in Amps	SUGG. RESALE PRICE
KR3AH	6V	6	2VA	SPST-NO-DB	20	$4.10
KR3AH	12V	21	2VA	SPST-NO-DB	20	4.10
KR3AH	24V	75	2VA	SPST-NO-DB	20	4.10
KR3AH	120V	2,250	2VA	SPST-NO-DB	20	4.10
KR3DH	6V	32	1.2W	SPST-NO-DB	20	3.90
KR3DH	12V	120	1.2W	SPST-NO-DB	20	3.90
KR3DH	24V	472	1.2W	SPST-NO-DB	20	3.90
KR3DH	110V	10,000	1.2W	SPST-NO-DB	20	4.50
KRP3AH§	6V	6	2VA	SPST-NO-DB	20	6.65
KRP3AH§	12V	21	2VA	SPST-NO-DB	20	6.65
KRP3AH§	24V	75	2VA	SPST-NO-DB	20	6.65
KRP3AH§	120V	2,250	2VA	SPST-NO-DB	20	6.65
KRP3DH§	6V	32	1.2W	SPST-NO-DB	20	6.45
KRP3DH§	12V	120	1.2W	SPST-NO-DB	20	6.45
KRP3DH§	24V	472	1.2W	SPST-NO-DB	20	6.45
KRP3DH§	110V	10,000	1.2W	SPST-NO-DB	20	7.10
KRP5AE	6V	6	2VA	SPDT	5	5.70
KRP5AS	24V	75	2VA	SPDT	5	5.70
KRP5AS	120V	2,250	2VA	SPDT	5	5.70
KRP5AG§	6V	6	2VA	SPDT	10	5.85
KRP5AG§	24V	75	2VA	SPDT	10	5.85
KRP5AG§	120V	2,250	2VA	SPDT	10	5.85
KRP5DS	6V	32.1	1.2W	SPDT	5	5.65
KRP5DS	12V	120	1.2W	SPDT	5	5.65
KRP5DS	24V	472	1.2W	SPDT	5	5.65
KRP5DS	110V	10,000	1.2W	SPDT	5	6.30
KRP5DG§	6V	32.1	1.2W	SPDT	10	5.80
KRP5DG§	12V	120	1.2W	SPDT	10	5.80
KRP5DG§	24V	472	1.2W	SPDT	10	5.80
KRP5DG§	110V	10,000	1.2W	SPDT	10	6.45
KRP11AS§	6V	6	2VA	DPDT	5	6.35
KRP11AS§	12V	21	2VA	DPDT	5	6.35
KRP11AS§	24V	75	2VA	DPDT	5	6.35
KRP11AS§	120V	2,250	2VA	DPDT	5	6.35
KRP11AS§	240V	9,110	2VA	DPDT	5	6.75
KRP11AG§	6V	6	2VA	DPDT	10	6.55
KRP11AG§	12V	21	2VA	DPDT	10	6.55
KRP11AG§	24V	75	2VA	DPDT	10	6.55
KRP11AG§	120V	2,250	2VA	DPDT	10	6.55
KRP11AG§	240V	9,100	2VA	DPDT	10	7.00
KRP11DS	6V	32.1	1.2W	DPDT	5	6.30
KRP11DS	12V	120	1.2W	DPDT	5	6.30
KRP11DS	24V	472	1.2W	DPDT	5	6.30
KRP11DS	110V	10,000	1.2W	DPDT	5	6.95
KRP11DG§	6V	32.1	1.2W	DPDT	10	6.50
KRP11DG§	12V	120	1.2W	DPDT	10	6.50
KRP11DG§	24V	472	1.2W	DPDT	10	6.50
KRP11DG§	110V	10,000	1.2W	DPDT	10	7.15
KRP14AS§	6V	6	2VA	3PDT	5	7.90
KRP14AS§	12V	21	2VA	3PDT	5	7.90
KRP14AS§	24V	75	2VA	3PDT	5	7.90
KRP14AS§	120V	2,250	2VA	3PDT	5	7.90
KRP14AS§	240V	9,110	2VA	3PDT	5	8.30
KRP14AG§	6V	6	2VA	3PDT	10	8.20
KRP14AG§	12V	21	2VA	3PDT	10	8.20
KRP14AG§	24V	75	2VA	3PDT	10	8.20
KRP14AG§	120V	2,250	2VA	3PDT	10	8.20
KRP14AG§	240V	9,100	2VA	3PDT	10	8.60
KRP14DS	6V	32.1	1.2W	3PDT	5	7.80
KRP14DS	12V	120	1.2W	3PDT	5	7.80
KRP14DS	24V	472	1.2W	3PDT	5	7.80
KRP14DS	110V	10,000	1.2W	3PDT	5	8.45
KRP14DG§	6V	32.1	1.2W	3PDT	10	8.10
KRP14DG§	12V	120	1.2W	3PDT	10	8.10
KRP14DG§	24V	472	1.2W	3PDT	10	8.10
KRP14DG§	110V	10,000	1.2W	3PDT	10	8.75
KRP11ANS	6V	6	2VA	DPDT	10	7.50
KRP11ANS	12V	21	2VA	DPDT	10	7.50
KRP11ANS	24V	75	2VA	DPDT	10	7.50
KRP11ANS	120V	2,250	2VA	DPDT	10	7.50
KRP11ANS	240V	9,110	2VA	DPDT	10	7.90
KRP11DNS	6V	32.1	1.2W	DPDT	10	7.45
KRP11DNS	12V	120	1.2W	DPDT	10	7.45
KRP11DNS	24V	420	1.2W	DPDT	10	7.45
KRP11DNS	110V	10,000	1.2W	DPDT	10	8.10
KRP14ANS	6V	6	2VA	3PDT	10	9.15
KRP14ANS	12V	21	2VA	3PDT	10	9.15
KRP14ANS	24V	75	2VA	3PDT	10	9.15
KRP14ANS	120V	2,250	2VA	3PDT	10	9.15
KRP14ANS	240V	9,110	2VA	3PDT	10	9.55
KUP5A15§	6V	5.1	2VA	SPDT	10	3.70
KUP5A15§	12V	21	2VA	SPDT	10	3.70
KUP5A15§	24V	75	2VA	SPDT	10	3.70
KUP5A15§	120V	2,250	2VA	SPDT	10	3.70
KUP5A15§	240V	9,110	2VA	SPDT	10	4.10
KUP5D15§	6V	32.1	1.2W	SPDT	10	3.55
KUP5D15§	12V	120	1.2W	SPDT	10	3.55
KUP5D15§	24V	472	1.2W	SPDT	10	3.55
KUP5D15§	110V	10,000	1.2W	SPDT	10	4.15
KUP11A15§	6V	5.1	2VA	DPDT	10	4.50
KUP11A15§	12V	21	2VA	DPDT	10	4.50
KUP11A15§	24V	75	2VA	DPDT	10	4.50
KUP11A15§	120V	2,250	2VA	DPDT	10	4.50
KUP11A15§	240V	9,110	2VA	DPDT	10	4.90
KUP11D15§	6V	32.1	1.2W	DPDT	10	4.05
KUP11D15§	12V	120	1.2W	DPDT	10	4.05
KUP11D15§	24V	472	1.2W	DPDT	10	4.05
KUP11D15§	110V	10,000	1.2W	DPDT	10	4.65
KUP14A15§	6V	4.2	2.75VA	3PDT	10	5.05
KUP14A15§	12V	18	2.75VA	3PDT	10	5.05
KUP14A15§	24V	72	2.75VA	3PDT	10	5.05
KUP14A15§	120V	1,700	2.75VA	3PDT	10	5.05
KUP14A15§	240V	7,200	2.75VA	3PDT	10	5.45
KUP14D15§	6V	32.1	1.2W	3PDT	10	4.65
KUP14D15§	12V	120	1.2W	3PDT	10	4.65
KUP14D15§	24V	472	1.2W	3PDT	10	4.65
KUP14D15§	110V	10,000	1.2W	3PDT	10	5.05
KUP14A55§*	6V	4.2	2.75VA	3PDT	10	5.05
KUP14A55§*	12V	18	2.75VA	3PDT	10	5.05
KUP14A55§*	24V	72	2.75VA	3PDT	10	5.05
KUP14A55§*	120V	1,700	2.75VA	3PDT	10	5.05
KUP14A55§*	240V	7,200	2.75VA	3PDT	10	5.45
KUP14D55§*	6V	32.1	1.2W	3PDT	10	4.65
KUP14D55§*	12V	120	1.2W	3PDT	10	4.65
KUP14D55§*	24V	472	1.2W	3PDT	10	4.65
KUP14D55§*	110V	10,000	1.2W	3PDT	10	5.05

§Enclosed Relay
*KUP55 with slotted flange case

See ordering information on page 1.

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