

Small High-Current PC Mount Relays

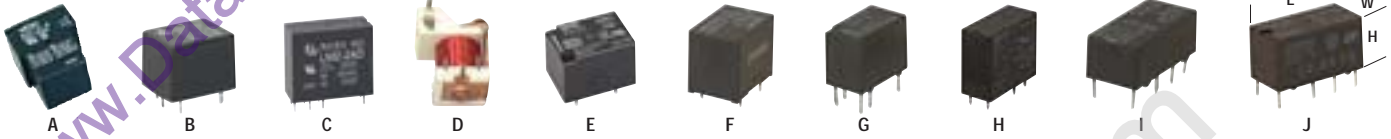
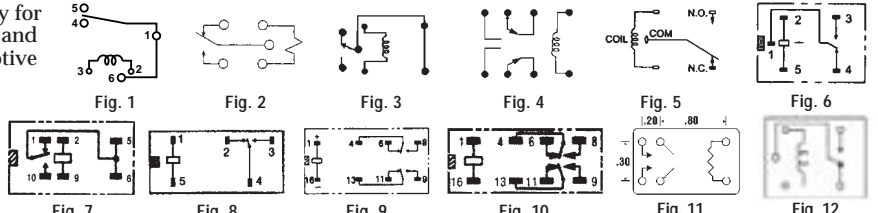
While these small, low-cost relays are designed primarily for the appliance industry and the heating, air conditioning and ventilation markets, they are also well suited for automotive load management and other applications.

- Mechanical life expectancy: 10 million operations
- Electrical life expectancy: 100,000 operations at rated loads
- Dielectric strength: 1500Vrms (between contact and coil)

104926CB: Open frame relay

129349CB: Immersion cleanable, plastic sealed case

144186CB: For use with universal relay card (P/N 128910CB, pg 301)



Part No.	Cross Ref. No.	Manufacturer	Potter & Brumfield Cross Reference	Fig.	Contact Form	Coil Voltage	Coils (Ohms)	Contact Voltage	Contact Current	Pins	L x W x H (in.)	Pricing			
												1	10	50	100
145752CB	L90A-12W ⊕*	Rayex	T90S1D12-12	1A	SPST	12VDC	155	240VAC	30A	5	1.2 x 1.0 x .77	\$2.45	\$2.10	\$1.85	\$1.49
134949CB	L90-5W ⊕	Rayex	T90S5D12-5	1A	SPDT	5VDC	27	240VAC/28VDC	20A	6	1.3 x 1.1 x .80	2.49	2.15	1.93	1.65
174449CB	LU-5 ⊕	Rayex	T81H5D215	3B	SPDT	5VDC	125	120VAC/24VDC	1A/2A	6	.60 x .40 x .45	1.79	1.66	1.55	1.49
187151CB	G5LE-1DC5 ⊕	Omron	—	6F	SPDT	5VDC	63	120VAC/30VDC	10A/8A	5	.90 x .65 x .75	1.49	1.30	1.15	1.09
187240CB	G5V-1-DC5 ⊕	Omron	—	7G	SPDT	5VDC	166.7	125VAC/24VDC	.5A/1A	6	.50 x .30 x .40	2.05	1.79	1.59	1.50
104926CB	733SPDT12VDC ⊕*	Song Chuan	T90N5D12-12	1D	SPDT	12VDC	155	240VAC/28VDC	20A/10A	6	1.2 x .90 x .63	1.85	1.69	1.49	1.27
129349CB	832-1C-S ⊕	Song Chuan	T90S5D12-12	1A	SPDT	12VDC	155	277VAC/28VDC	20A/10A	6	1.2 x 1.0 x .75	2.15	1.90	1.69	1.39
186669CB	G2R-14-DC12 ⊕	Omron	—	8H	SPDT	12VDC	275	250VAC/30VDC	10A	5	1.2 x .51 x 1.0	2.99	2.85	2.69	2.67
172937CB	JS1-12V ⊕	Nais (Aromat)	T72M5D121-12	5E	SPDT	12VDC	400	125VAC/24VDC	10A/5A	5	.85 x .62 x .63	1.09	.99	.89	.75
144186CB	JZC-22F ⊕	Velleman	VR15M121C	2B	SPDT	12VDC	337	120VAC/28VDC	15A	5	.80 x .64 x .80	3.79	3.39	3.05	2.75
174431CB	LEG-12F ⊕	Rayex	T7CS5D12	2B	SPDT	12VDC	400	120VAC/24VDC	15A	5	.76 x .62 x .60	1.49	1.29	1.19	1.09
184461CB	G5V-1-DC12 ⊕	Omron	—	7G	SPDT	12VDC	960	125VAC/24VDC	.5A/1A	6	.50 x .30 x .40	2.25	1.79	1.58	1.42
187282CB	G6A-234PSTUSD5 ⊕	Omron	—	9I	DPDT	5VDC	125	125VAC/24VDC	.3A/1A	8	.80 x .33 x .40	3.95	3.63	3.33	3.07
174377CB	LM2-12D ⊕	Rayex	RKA5DZ12	4C	DPDT	12VDC	270	250VAC/30VDC	5A	8	1.2 x .48 x 1.0	2.49	2.25	1.95	1.75
187258CB	G5V-2-DC12 ⊕	Omron	—	10J	DPDT	12VDC	288	125VAC/30VDC	.5A/2A	8	.81 x .40 x .45	2.49	2.28	2.02	1.82
200740CB	G5V-2-H1-24 ⊕	Omron	—	10J	DPDT	24VDC	2800	125VAC/24VDC	.5A/1A	8	.81 x .40 x .45	2.29	2.06	1.85	1.65
215909CB	RKA-7DZ-12 ⊕	P & B	—	11H	DPST-NO	12VDC	270	250VAC/24VDC	5A/5A	6	1.16 x .57 x 1.05	2.29	1.95	1.69	1.39
454563CB	KLTC12DC9 ⊕	Hasco	—	12B	SPDT	9VDC	225	120VAC/28VDC	12	5	0.73 x .59 x 0.61	2.29	1.95	1.69	1.39

*Manufacturer may vary

JAMECO ValuePro General Purpose Relays

LB2 Series

- Contact rating: 240VAC/30VDC @ 12A • DPDT
- Mechanical life: 10,000,000 operations • 8-pin
- Electrical life: 100,000 operations min. at rated load

Part No.	Mfg. P/N	P & B Cross Ref.	Coil Voltage	1	10	50	100
172718CB	LB2-12DS ⊕	K10-11D15-12	12VDC	\$4.99	\$4.49	\$3.99	\$3.59
175564CB	LB2-24DS ⊕	K10-11D15-24	24VDC	5.99	5.49	4.93	4.49
175572CB	LB2-110AS ⊕	K10-11A15-120	110VAC	6.25	5.49	4.99	4.39

LB4H Series

- Insulation resistance: 1,500MΩ @ 500VDC
- Mechanical life: 10,000,000 operations • 4PDT
- Contact rating: 240VAC/30VDC @ 5A • 14-pin
- Electrical life: 100,000 operations min. at rated load

Part No.	Mfg. P/N	P & B Cross Ref.	Coil Voltage	1	10	25	50
291506CB	LB4H-12DS ⊕	KHAU-17D12-12	12VDC	\$4.45	\$4.33	\$4.20	\$4.03
175601CB	LB4H-24DS ⊕	KHAU-17D12-24	24VDC	5.09	4.93	4.77	4.36
175610CB	LB4H-110AS ⊕	KHAU-17A12-120	110VAC	4.69	4.58	4.47	4.24

Relay Socket

• DIN rail snap socket for LB2 & LB4H relays

Part No.	Mfg. P/N	P & B Cross Ref.	Pins	1	10	50
175530CB	PTF-08A-A ⊕	27E895	8	\$5.95	\$5.39	\$4.85
175556CB	PF-14A-A ⊕	27E894	14	3.95	3.49	2.95

KHAU Type Relay

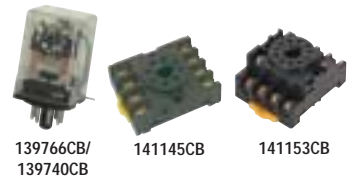
- Insulation resistance: 1,500MΩ @ 500VDC • 4PDT • 14-pin
- Life: (mechanical) 10,000,000 operations; (electrical) 100,000 operations min. at rated load • Contact rating: 220VAC/24VDC @ 5A

Part No.	Cross Ref. No.	P & B Cross Ref.	Coil Voltage	1	10	25	50
183011CB	GM4PDT12DF ⊕	KHAU-17D12-12	12VDC	\$7.59	\$6.99	\$6.64	\$5.51

Beta Electric General Purpose Relays

Pin Type Terminals

- DPDT • 8-pin octal style plug
- Contact rating: 120/240VAC, 28VDC @ 10A
- Ambient operating temp.: -10°C to +50°C
- Size: 1.4"L x 1.4"W x 2.7"H



BTA1 Series Relays

Part No.	Product No.	NTE Cross Ref.	Coil Voltage	1	10	50
139766CB	BTA1-2C-12VDC ⊕	R02-11D10-12	12VDC	\$9.49	\$8.55	\$7.69
139740CB	BTA1-2C-120VAC ⊕	R02-11A10-120	120VAC	9.95	8.79	7.99

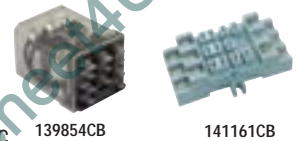
BTA1 Series Sockets (250 VAC, 20 Amps)

Part No.	Product No.	Pins	Dimensions	1	10	50
141145CB	PF-083A ⊕	8	2.0"L x 1.6"W x 0.8"H	\$3.99	\$3.65	\$2.99
141153CB	PF-113A ⊕	11	2.0"L x 1.7"W x 1.2"H	5.19	4.67	4.11

BTA2 Series Quick Connect Blade Terminal

Flat terminals (0.187" x 0.020") for standard plug-in mounting; also accepts quick-connect receptacles or direct soldering.

- Contact rating: 120VAC/28VDC @ 13A; 240VAC @ 10A
- Ambient temperature operating: -30°C to +50°C
- Size: 1.5"L x 1.4"W x 2.2"H • 3PDT • 11-pin



Part No.	Product No.	NTE Cross Ref.	Coil Voltage	1	10	50
139854CB	BTA2-3C-24VDC ⊕	R10-14D10-24	24VDC	\$8.69	\$8.63	\$8.39

BTA2 Series Socket

Part No.	Voltage	Current	Pins	Dimensions	1	10	50
141161CB	250VAC ⊕	20 amps	11	3.0"L x 1.4"W x 1.0"H	\$3.15	\$2.84	\$2.58

SALE