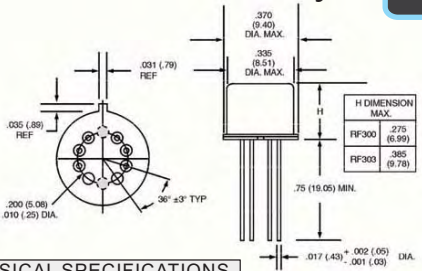




Relays & Solenoids

TELEDYNE_Metal Can Relays

Detailed product specifications are available on: us.100y.com.tw



ENVIRONMENTAL AND PHYSICAL SPECIFICATIONS		
Temperature (Ambient)	Storage	-65°C to +125°C
	Operating	-55°C to +85°C
Vibration (General Note 1)		10 g's to 500 Hz
Shock (General Note 1)		30 g's, 6 msec, half-sine
Enclosure		Hermetically sealed
Weight	RF300	0.09oz. (2.55g) max.
	RF303	0.16oz. (4.5g) max.



GENERAL ELECTRICAL SPECIFICATIONS (@25°C)

Contact arrangement	2 Form C (DPDT)	
Rated duty	Continuous	
Contact resistance	0.15 ohm max. initial (measured 1/8" from the header)	
Contact load rating	Resistive: 1Amp/28Vdc Low level: 10 to 50 µA, 10 to 50 mV	
Contact life rating	10,000,000 cycles typical at low level	
Coil operating power	RF300: 450 mW typical @ nominal rated voltage RF303: 200 mW typical @ nominal rated voltage	
Operate time	RF300	4.0 ms. max.
	RF303	6.0 ms. max.
Release time	RF300	3.0 ms. max.
	RF303	3.0 ms. max.
Intercontact capacitance	0.4 pF typical	
Insulation resistance	1,000 MWmin. (between mutually isolated terminals)	
Dielectric strength	350 VRMS / 60 Hz @ atmospheric pressure	

Part No.	Product No.	Manufacturer	Description	Coil Resistance	Contact Resistance	Vin	Type	Packing
32217	RF300-12	TELEDYNE	High Repeatability TO-5 Relays	390Ω±20%	150mΩ	12Vdc	RF-300	TO-5
32215	RF300-5	TELEDYNE	High Repeatability TO-5 Relays	50Ω±20%	150mΩ	5Vdc	RF-300	TO-5
32218	RF303-12	TELEDYNE	High Repeatability TO-5 Relays	850Ω±20%	150mΩ	12Vdc	RF-303	TO-5
21377	RF303-5	TELEDYNE	High Repeatability TO-5 Relays	100Ω±20%	150mΩ	5Vdc	RF-303	TO-5

Power Relays

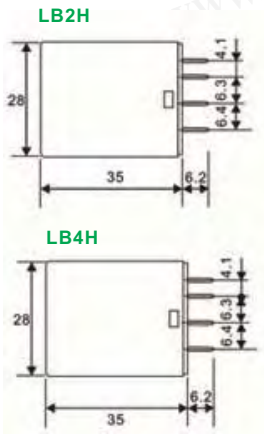
RAYEX_Power Relays

Detailed product specifications are available on: us.100y.com.tw

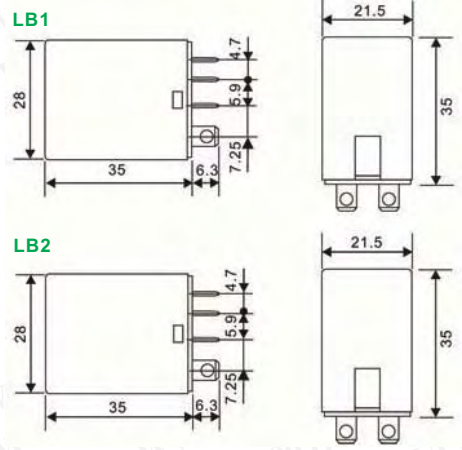
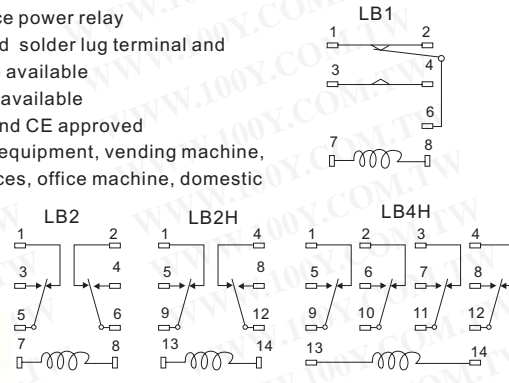


FEATURES

- High performance power relay
- PCB terminal and solder lug terminal and flanged case are available
- LED version are available
- UL, CUL, TUV, and CE approved
- Using at control equipment, vending machine, cooking appliances, office machine, domestic appliances, etc.



WRING DIAGRAM



GENERAL DATA

Insulation Resistance	1,500 MΩ Min. (DC 500V)
Dielectric Strength	750 VAC, 50/60Hz between contact. 1,500 VAC, 50/60Hz between all elements.
Contact Material	Silver- Cadmium Oxide as standard.
Contact Resistance	100 milliohms max. (initial value)
Shock Resistance	Malfunction: 10G(11ms) ; Destructive: 100G(6ms)
Vibration Resistance	Malfunction: 10 to 55 Hz. at Double Amplitude of 1.5 mm Destructive: 10 to 55 Hz. at Double Amplitude of 1.5 mm
Operation Time	15 ms max.
Release Time	15 ms max.
Temperature Range	- 40°C ~ + 60°C
Expected Life	With operation rate 30/min. Mechanical - 10,000,000 operations min. Electrical - 100,000 operations min. at rated load.
Weight	37 grams

Part No.	Product No.	Manufacturer	Description	Coil Volt.	Cont. Arrangement	Contact Rating	L*W*H (mm)	Recognized Safety	Type
2280	LB2-110AS	RAYEX	Power Miniature Solder Relays	110Vac	2PDT	12A 240Vac/ 12A 30Vdc	28.5*21.5*35	TUV, UL, CUL	LB2
8191	LB2-12DS	RAYEX	Power Miniature Solder Relays	12Vdc	2PDT	12A 240Vac/ 12A 30Vdc	28.5*21.5*35	TUV, UL, CUL	LB2
41762	LB2-220AP	RAYEX	Power Miniature Solder Relays	220Vac	2PDT	12A 240Vac/ 12A 30Vdc	28.5*21.5*35	TUV, UL, CUL	LB2
4613	LB2-220AS	RAYEX	Power Miniature Solder Relays	220Vac	2PDT	12A 240Vac/ 12A 30Vdc	28.5*21.5*35	TUV, UL, CUL	LB2
2279	LB2-24DS	RAYEX	Power Miniature Solder Relays	24Vdc	2PDT	240Vac/12A 30Vdc/12A	28.5*21.5*35	TUV, UL, CUL	LB2
2907	LB2H-110AS	RAYEX	Power Miniature Solder Relays	110Vac	2PDT	10A 240Vac/ 10A 30Vdc	28.5*21.5*34.2	TUV, UL, CUL	LB2H
3180	LB2H-12DS	RAYEX	Power Miniature Solder Relays	12Vdc	2PDT	10A 240Vac/ 10A 30Vdc	28.5*21.5*34.2	TUV, UL, CUL	LB2H
2290	LB2H-220AS	RAYEX	Power Miniature Solder Relays	220Vac	2PDT	10A 240Vac/ 10A 30Vdc	28.5*21.5*34.2	TUV, UL, CUL	LB2H
2283	LB2H-24DS	RAYEX	Power Miniature Solder Relays	24Vdc	2PDT	240Vac/10A, 30Vdc/10A	28.5*21.5*34.2	TUV, UL, CUL	LB2H
12004	LB2HN110AS	RAYEX	Power Miniature Solder Relays- With LED	110Vac	2PDT	10A 240Vac/ 10A 30Vdc	28.5*21.5*34.2	TUV, UL, CUL	LB2HN
41690	LB2HN240A	RAYEX	Power Miniature Solder Relays- With LED	240VAC	2 PDT	10A 240Vac/ 10A 30Vdc	28.5*21.5*34.2	TUV	LB2HN



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