



Relays & Solenoids

RAYEX_Power Relays

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

Part No.	Product No.	Manufacturer	Description	Coil Volt.	Cont. Arrangement	Contact Rating	L*W*H (mm)	Recognized Safety	Type
42878	LB2HN24AS	RAYEX	Power Miniature Solder Relays- With LED	24Vac	2PDT	10A 240Vac/ 10A 30Vdc	28*21.5*35	TUV, UL, CUL	LB2HN
4754	LB4H-110A	RAYEX	Power Miniature Solder Relays	110Vac	4PDT	5A 240Vac/ 5A 30Vdc	28.5*21.5*34.2	TUV, UL, CUL	LB4H
6092	LB4H-12DS	RAYEX	Power Miniature Solder Relays	12Vdc	4PDT	240Vac/5A, 30Vdc/5A	28.5*21.5*34.2	TUV, UL, CUL	LB4H
2292	LB4H-220A	RAYEX	Power Miniature Solder Relays	220VAC	4PDT	5A 240Vac/ 5A 30Vdc	28.5*21.5*34.2	TUV, UL, CUL	LB4H
3605	LB4H-24DS	RAYEX	Power Miniature Solder Relays	24Vdc	4PDT	5A 240Vac/ 5A 30Vdc	28.5*21.5*34.2	TUV, UL, CUL	LB4H

OMRON_Power Relays

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- Downsizing achieved through optimum design of heat sink.
- Mounting possible via screw sorvia DIN rail.
- Dense mounting possible for linking terminals.(Except for G3PA-260B-VD.)
- Applicable with 3-phase loads.
- Replaceable power element cartridges.
- Conforms to VDE0160(finger protection),with a dielectric strength of 4,000V between input and load.(see note)
- Conforms to VDE0805,IEC950.(seenote)

Note: G3PA-420B-VD/-430B-VD are under application for standard approval.



Characteristics

Item	G3PA-210B(L)-VD	G3PA-240B(L)-VD
Operatetime	1/2 of load power source cycle +1ms max.(DC Input,-Bmodels)	1 1/2 of load power source cycle +1msmax.(AC Input) 1ms max.(-BLmodels)
Release time	1/2 of load power source cycle +1 ms max.(DC Input)	1 1/2 of load power source cycle+1 ms max.(AC Input) 1msmax.(-BLmodels)
Output ON voltage drop	1.6V(RMS)max.	
Leakage current	5 mA max.(at 120VAC) 10mA max.(at 230VAC)	10 mA max.(at 120 VAC)20 mA max.(at 230VAC)
Insulation resistance	100 MΩ min.(at 500VDC)	
Dielectric strength	4,000VAC,50/60 Hz for 1 min	
Vibration resistance	Malfunction:10to55Hz,0.75-mm double amplitude (mounted to DIN rail)	
Shock resistance	Malfunction:300m/s ² (approx.30G) (mounted to DIN rail)	
Ambient temperature	Operating:-30°C to 80°C(with no icing)	Storage:-30°C to 100°C(with no icing)
Ambient humidity	Operating: 45% to 85%	
Weight	Approx.260g	Approx.460g

Part No.	Product No.	Manufacturer	Description	Type	Cont. Arrangement	Contact Rating	Recognized Safety	Coil Volt.
39410	G3PA-210B-VD-DC5-24	OMRON	Power Solid-state Relay	G3PA	10A		UL,CSA,CE	DC5-24V
48561	G3PA-240B-VD-DC5-24	OMRON	Power Solid-state Relay	G3PA	40A	DC5-24V	UL,CSA,CE	24-240VAC



- Omron relay I/O blocks provide high performance switching used with controllers from any manufacturer
- G7TC blocks come with G7T input or output relays installed
16-point models measure 180 W x 85 H x 68 D mm
8-point models measure 102 W x 85 H x 68 D mm
- P7TF bases let you mix and match G7T relays and G3TA SSRs so long as the coil voltage matches the base voltage
- G70A bases let you mix and match higher capacity (10-amp) G2R Form C relays and G3R SSRs
16-point models measure 234 W x 75 H x 64 D mm
- G70D blocks come with highly reliable G6D relays or G3DZ power MOS FET relays installed
Compact models measure 156 W x 54 H x 39 D mm
G70D-V models measure 135 W x 50 H x 81 D mm



Part No.	Product No.	Manufacturer	Description	Type	Cont. Arrangement	Contact Rating	Recognized Safety	Coil Volt.	L*W*H (mm)
12553	G7T-1112S	OMRON	Power Miniature Solder Relays	G7T	1A	5A	UL,CSA,CE	24VDC	W29XD10XH32mm



- Equipped with arc barrier.
- Dielectric strength: 2,000 V.
- Built-in diode models added to the LY Series.
- Single-pole and double-pole models are applicable to operating coils with ratings of 100/110 VAC, 110/120 VAC, 200/220 VAC, 220/240 VAC, or 100/110 VDC).
- Three-pole and four-pole models are applicable to operating coils with ratings of 100/110 VAC, 200/220 VAC, or 100/110 VDC).



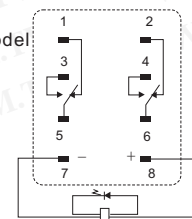
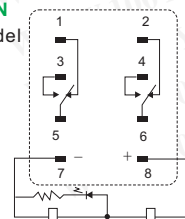
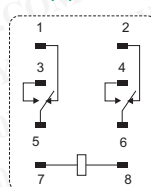
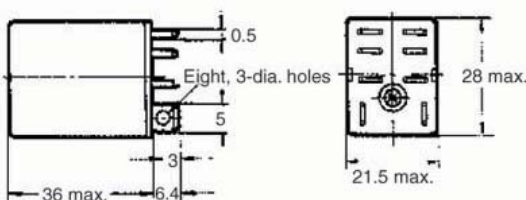
LY2 LY2N

LY2(Z)

LY2(Z)N

DC Model

AC Model



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