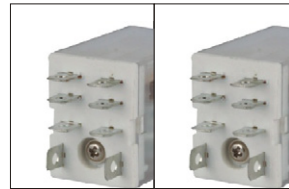


## GENERAL PURPOSE RELAY



JQX-13F (LY1)

JQX-13F (LY2)



13F (LY1) 13F (LY2)

### Contact specification

Contact form	1Z, 1H, 1D, 2Z, 2H, 2D,
Contact resistance	≤100mΩ ( 1A 6VDC )
Contact material	AgCdO AgSnO <sub>2</sub>
Contact capacity	15A250VAC/28VDC 10A 250VAC/28VDC
Coil Specification	
Rated coil power	09W/1.2VA

### Technical specification

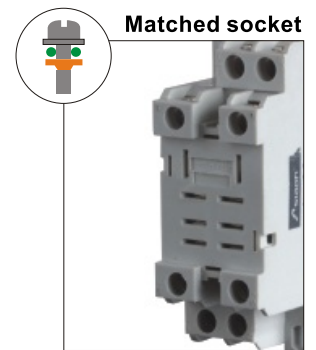
Insulation resistance	≥500MΩ ( 500VDC )
Dielectric strength	Between coil and contact ≥1500VAC 1min
	Between open contacts ≥1000VAC 1min
	Between contacts of different poles ≥1500VAC 1min
Operate / Release time	≤25ms/25ms
Terminal type	PCB and socket mounting

### DC Coil data

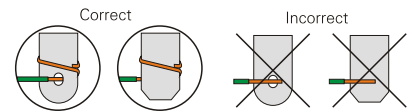
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	4.0	0.5	28
6	4.8	0.6	40
12	9.6	1.2	160
24	19.2	2.4	640
48	38.4	4.8	2560
110	88.0	11.0	12100

### AC Coil data

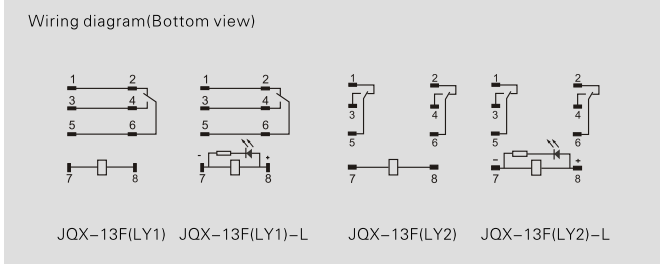
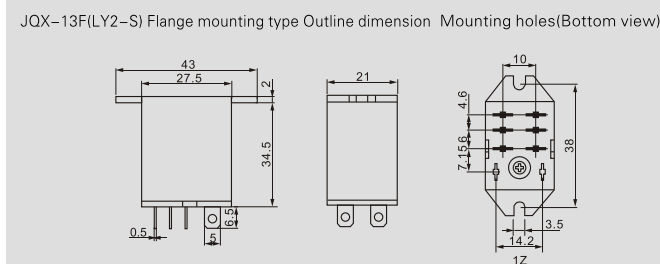
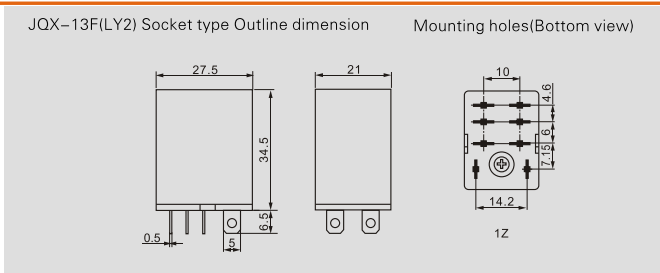
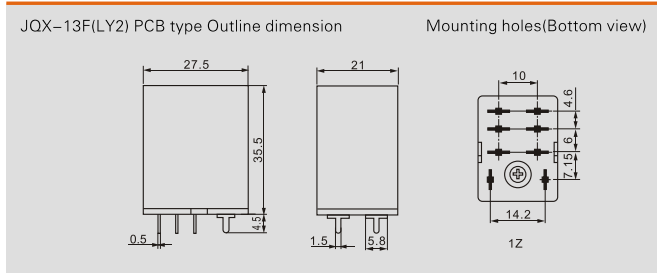
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VAC	VAC	VAC	Ω ± 10%
6	4.8	1.8	12
12	9.6	3.6	42
24	19.2	7.2	168
48	38.4	14.4	675
110	96.0	36.0	3500
220/240	176.0	66.0	14000/16500



PTF08A-E



### Outline dimension、 Mounting holes (Bottom view)、 Wiring diagram (Bottom view)



# GENERAL PURPOSE RELAY



**LY3**

### Contact specification

Contact form	3Z、3H、3D
Contact resistance	≤100mΩ ( 1A 6VDC )
Contact material	AgCdO AgSnO <sub>2</sub>
Contact capacity	10A 250VAC/30VDC

### Technical specification

Insulation resistance	≥500MΩ ( 500VDC )
Dielectric strength	Between coil and contact ≥1500VAC1min
	Between open contacts ≥1000VAC1min
	Between contacts of different poles ≥1500VAC1min
Operate / Release time	≤25ms/25ms
Terminal type	PCB and socket mounting

### DC Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	4.0	0.5	30
6	4.8	0.6	25.7
12	9.6	1.2	103
24	19.2	2.4	410
48	38.4	4.8	1700
110	88.0	11.0	8500

### AC Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VAC	VAC	VAC	Ω ± 10%
6	4.8	1.8	6.3
12	9.6	3.6	24
24	19.2	7.2	100
48	38.4	14.0	400
120	96.0	36.0	2500
220/240	176.0	66.0	8650/10040

### Matched socket



**PTF-11AK**

### Coil specification

Rated coil power	1.4W/2.0VA
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### Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

LY3 PCB type Outline dimension

Mounting holes(Bottom view)

LY3 Socket type Outline dimension

Mounting holes(Bottom view)

LY3 Wiring diagram(Bottom view)

## GENERAL PURPOSE RELAY



LY4

### Contact specification

Contact form	4Z、4H、4D
Contact resistance	≤100mΩ ( 1A 6VDC )
Contact material	AgCdO AgSnO <sub>2</sub>
Contact capacity	10A 250VAC/30VDC

### Technical specification

Insulation resistance	≥500MΩ ( 500VDC )
Dielectric strength	Between coil and contact ≥1500VAC1min
	Between open contacts ≥1000VAC1min
	Between contacts of different poles ≥1500VAC1min
Operate / Release time	≤25ms/25ms
Terminal type	PCB and socket mounting

### DC Coil data(LY4)

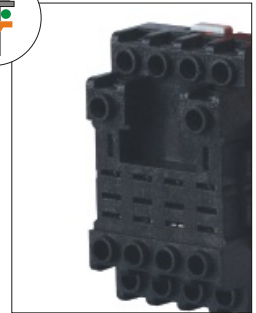
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	4.0	0.5	16.6
6	4.8	0.6	25
12	9.6	1.2	100
24	19.2	2.4	350
48	38.4	4.8	1600
110	88.0	11.0	6900

### AC Coil data(LY4)

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VAC	VAC	VAC	Ω ± 10%
6	4.8	1.8	5
12	9.6	3.6	20
24	19.2	7.2	78
48	38.4	14.0	320
120	96.0	36.0	2200
220/240	176.0	66.0	6700/9000



Matched socket



PTF-14A-EK

### Coil specification

Rated coil power	1.5W/2.5VA
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### Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

