



LY3

Contact specification

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

Technical specification

Insulation resistance	≥500MΩ (500VDC)
Dielectric strength	Between coil and contact ≥1500VAC1min
	Between contacts of different polarity ≥1500VAC 1min
	Between contacts of same polarity ≥1000VAC 1min
Operate / Release time	≤25ms/25ms
Terminal type	PCB and socket mounting

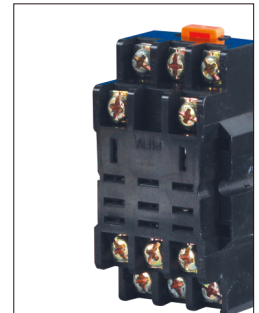
DC Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	4.0	0.5	18
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
110	88.0	33.0	2500
220/240	176.0	66.0	8650/10040

Matched socket

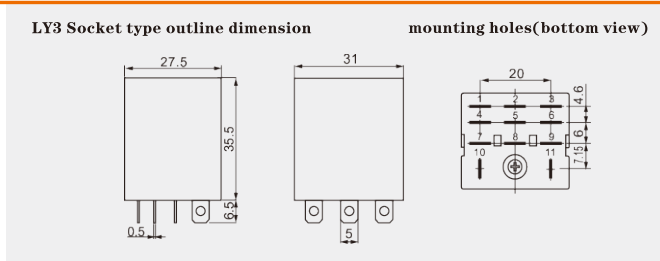
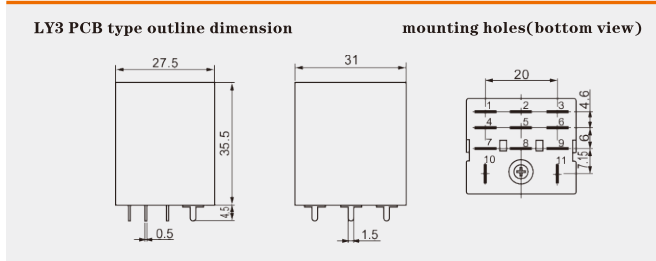


PTF-11AK

Coil specification

Power consumption	1.4W/2.0VA
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Outline dimension、Mounting holes、Wiring diagram



LY3 wiring diagram(bottom view)

