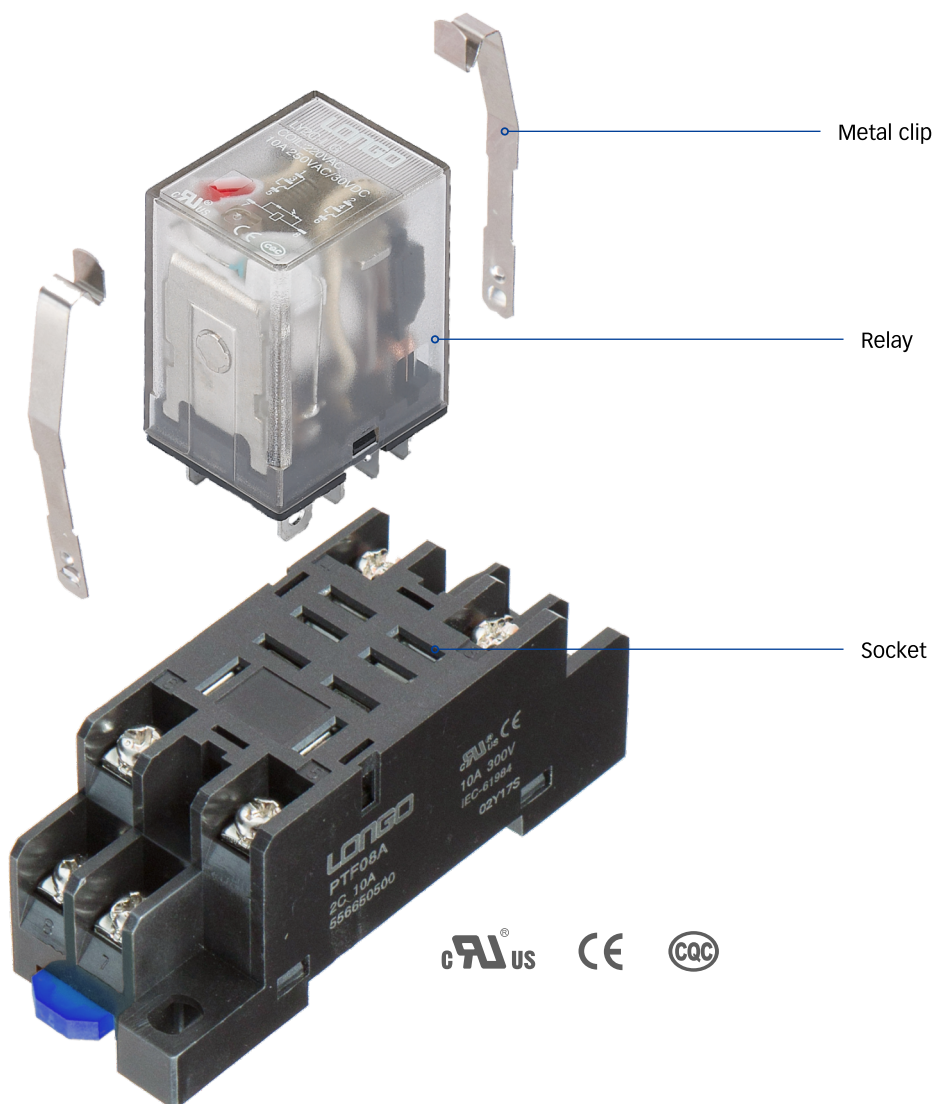




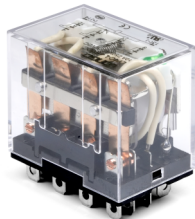
>>> Sockets selection table

						
PTF08A	PTF08A-E	PTF08A-ST	PTF08A-H	PTF14A-H	PTF14A	PTF14A-E

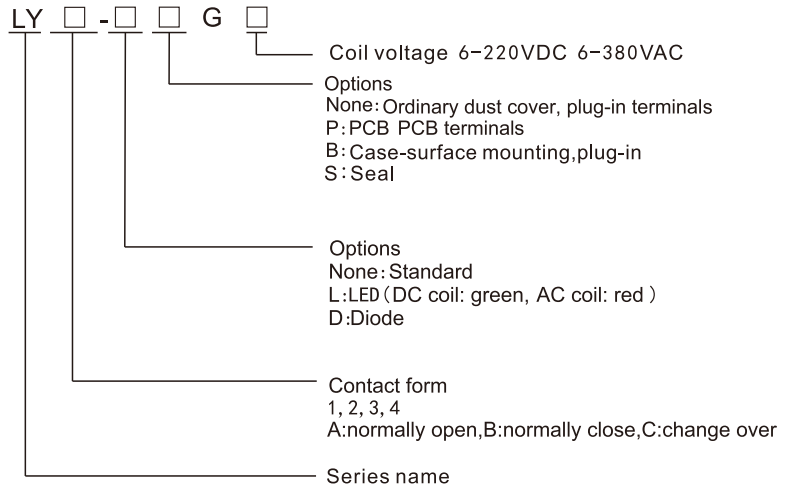
Part number description



LY2C



LY4C



Specification

Contact	Contact form		1C	2C	3C	4C	
	Rated load	Resistive (AC-1)	16A/250VAC 30VDC	10A/250VAC 30VDC			
		Motor (AC-15)	1/2HP,120VAC 1HP, 240VAC	1/3HP,120VAC 1/2HP,240VAC			
	Operating power(Resistive)		4000VA 480W	2500VA 300W			
	Contact resistance(Initial)		≤50mΩ				
	Material		Ag alloy				
	Electrical endurance		≥10 ⁵ 次 cycles(1800 Ops/h)				
	Mechanical endurance		≥10 ⁷ 次 cycles(18000 Ops/h)				
Pick-up voltage (23℃)			DC:≤75%Rated voltage,AC:≤80%Rated voltage				
Drop-out voltage (23℃)			DC:≥10%Rated voltage,AC:≥30%Rated voltage				
Max. Allowed voltage(at 23℃)			110%Rated voltage				
Insulation resistance			≥500MΩ (500VDC)				
Coil power consumption	DC(W)		0.9	1.4		1.5	
	AC(VA)		1.2	2		2.5	
Operate time(at nominal voltage)			≤20ms				
Release time(at nominal voltage)			≤20ms				
Initial dielectric strength	Between open contacts		1500VAC/1min (Leakage current 1 mA)				
	Between poles		1000VAC/1min (Leakage current 1 mA)				
	Between contact and coil		2000VAC/1min (Leakage current 1 mA)				
Ambient temperature			-25~+55℃				
Humidity			35%~85%RH				
Atmospheric Pressure			86~106KPa				
Shock resistance			10G (Half a wave of pulses of sine:11ms)				
Vibration resistance			10~55Hz Dual amplitude:1.0mm				
Installation mode			Plug-in terminals/PCB terminals				
Weight			35g		50g	65g	
Matched relay socket			PTF08A PT08 PTF08-ST PTF08A-H PT08-P		PTF11A PTF11A-H	PTF14A PTF14A-H	
Equivalent Product		FUJITSU	HH61P		HH62P	HH63P	HH64P
		OMRON	LY1		LY2	LY3	LY4

Coil Specifications(23°C)

LY1C~LY2C

Rated voltage V.DC	6	9	12	24	36	48	110		220		
Coil resistance Ω (±10%)	40	90	160	630	1500	2600	11000		42000		
Rated voltage V.AC	6	12	24	36	48	110	120	220	230	240	380
Coil resistance Ω (±10%)	11.5	40	160	370	600	3750	3900	13000	15000	18790	42000

LY3C

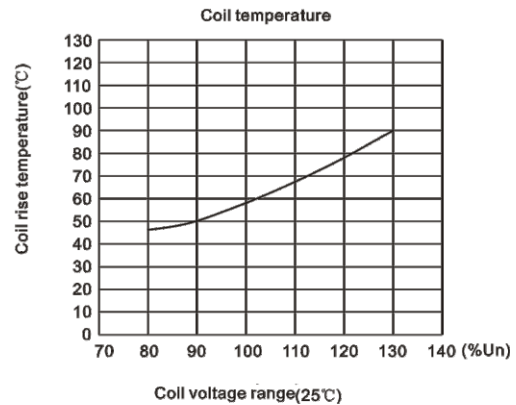
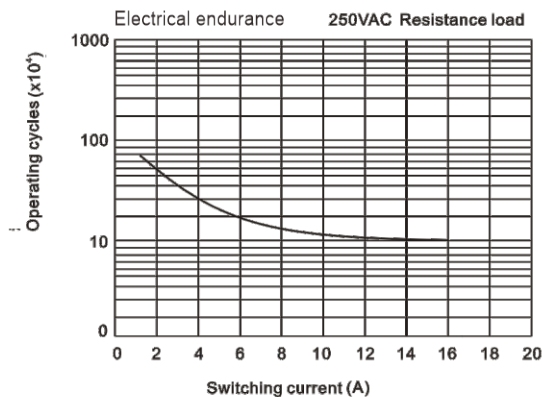
Rated voltage V.DC	6	9	12	24	36	48	110		220	
Coil resistance Ω (±10%)	25	56	100	400	900	1600	8400		33000	
Rated voltage V.AC	6	12	24	36	48	110	120	220	240	380
Coil resistance Ω (±10%)	6.5	25.5	102	230	410	2300	2700	8600	10000	27500

LY4C

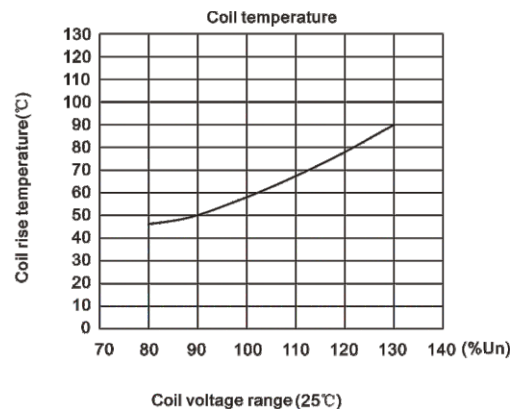
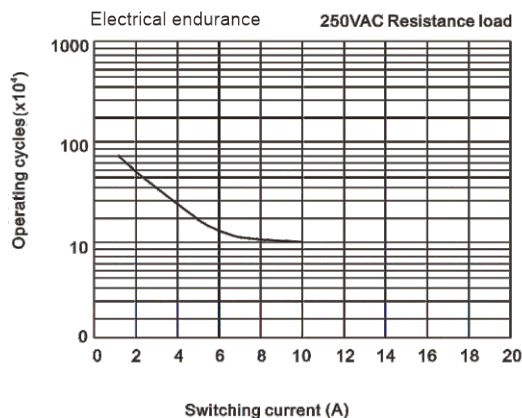
Rated voltage V.DC	6	9	12	24	36	48	110		220	
Coil resistance Ω (±10%)	24	54	96	360	865	1540	6800		29000	
Rated voltage V.AC	6	12	24	36	48	110	120	220	240	380
Coil resistance Ω (±10%)	5	20	80	180	320	1680	2000	6700	8000	29000

Performance curve

LY1C

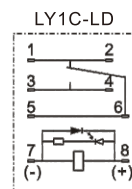
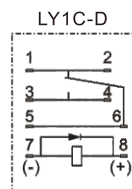
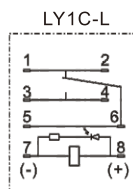
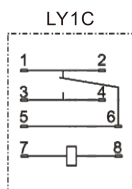
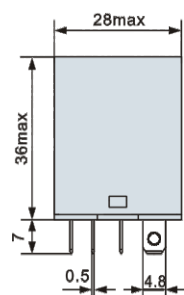


LY2C/LY3C/LY4C

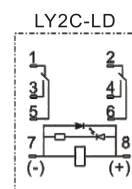
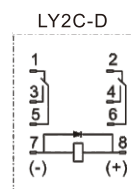
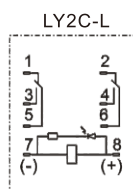
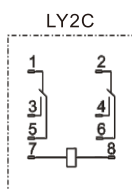
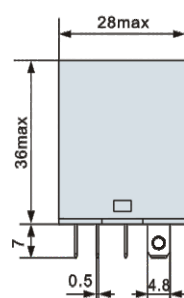


Dimension.Bottom View

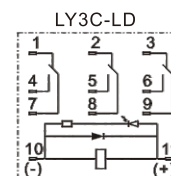
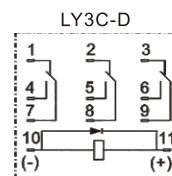
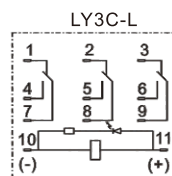
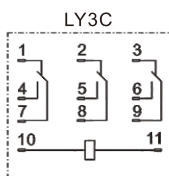
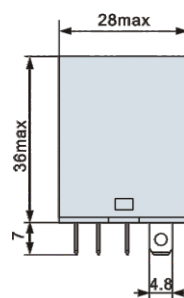
LY1C



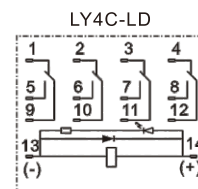
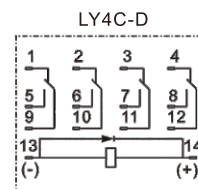
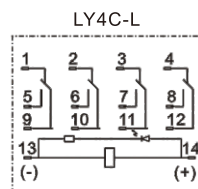
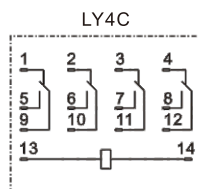
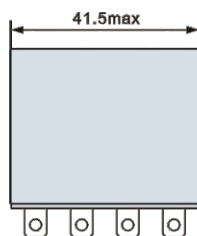
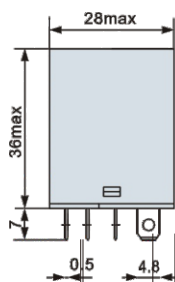
LY2C



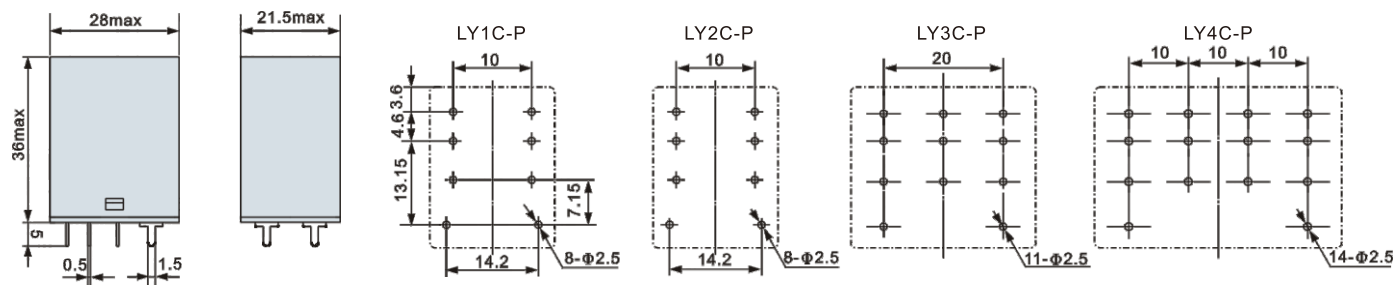
LY3C



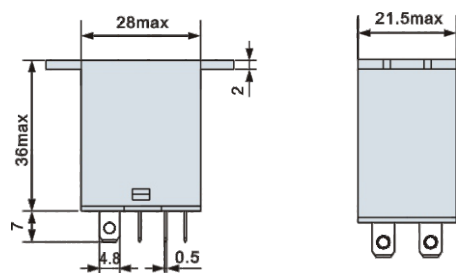
LY4C



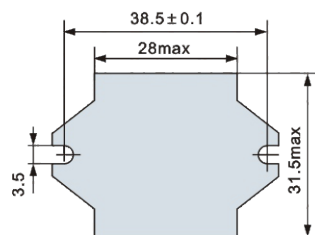
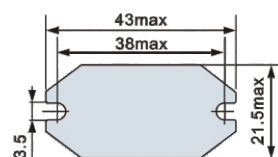
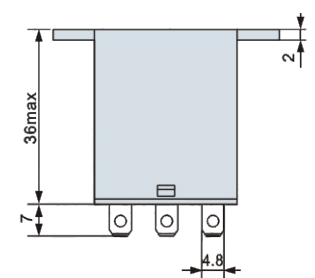
LY1C-P,2C-P,3C-P,4C-P



LY1C-B,2C-B



LY3C-B



LY4C-B

