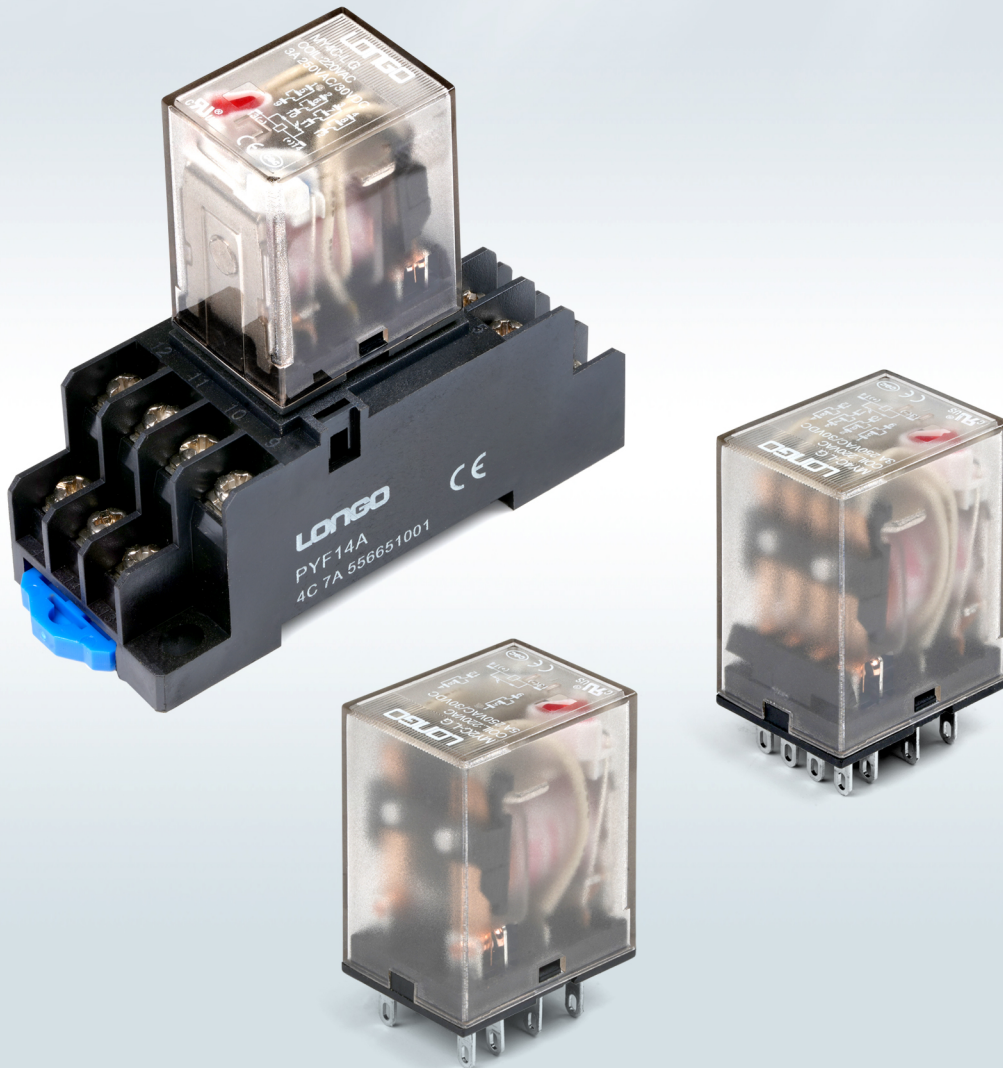


**> Features:**

- 2 pole 5A; 4 pole 5A
- With LED integrated in relay
- With inspection window
- Conformity with RoHS directive
- Conform to IEC61810-1



**Sockets selection table**





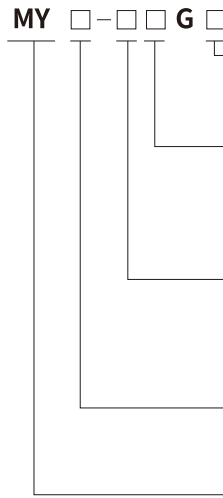
Relay



Socket



Relay module



**Coil voltage**

6-220VDC  
6-380VAC

**Options**

None: Ordinary dust cover, plug-in terminals  
P:PCB PCB terminals  
B: Case-surface mounting,plug-in  
S:Seal

**Options**

None: Standard  
LD: LED+Diode(13-,14+)  
LD1:LED+Diode(13+,14-)

**Contact form**

2,3,4(A:normally open,B:normally close,  
C:changeover)

**Series Name**

**Specification**

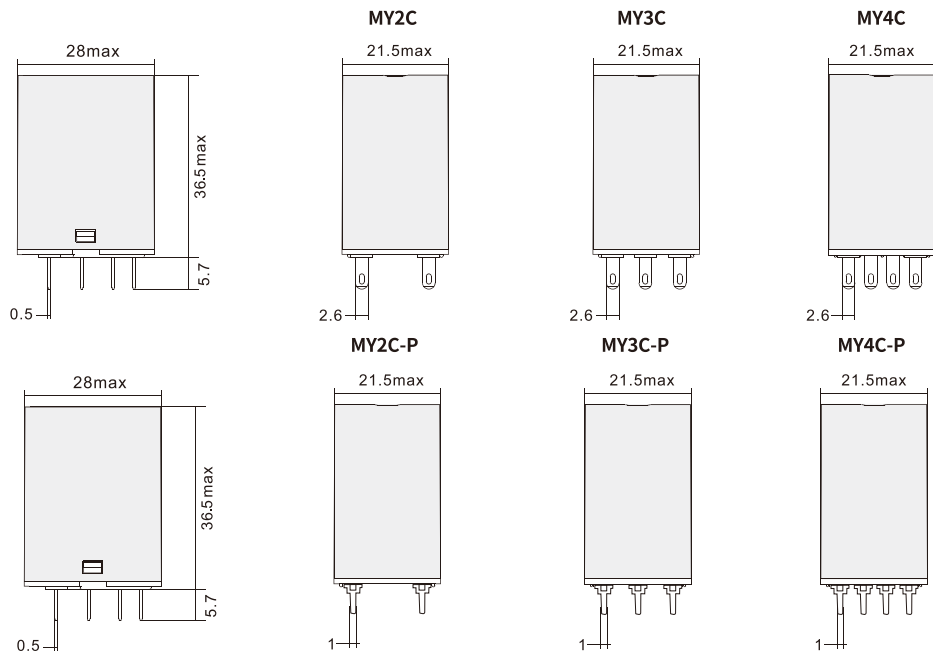
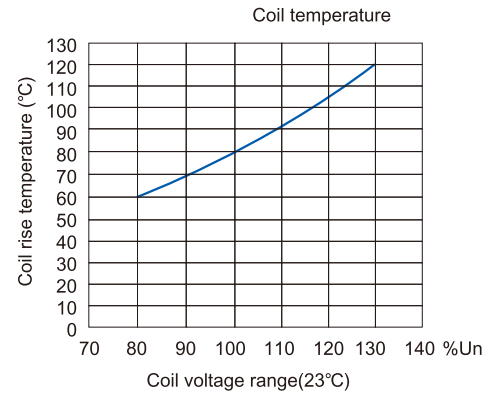
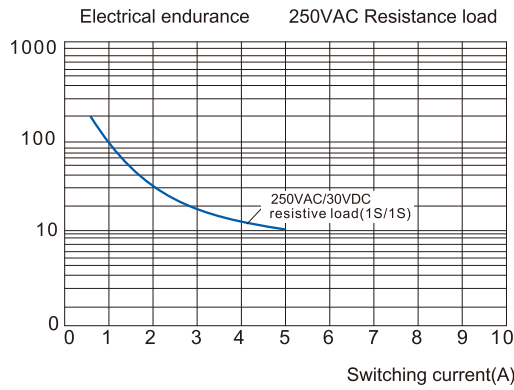
		2C	3C	4C
Contact	Contact form			
	Rated load	Resistive (AC-1)	5A/250VAC,30VDC	
		Motor (AC-15)	1/6HP,240VAC	
	Operating power(Resistive)	1250VA,150W		
	Contact resistance(Initial)	≤50mΩ		
	Material	Ag alloy		
	Electrical endurance	≥10 <sup>5</sup> cycles(1800 Ops/h)		
Mechanical endurance	≥10 <sup>7</sup> cycles(18000 Ops/h)			
Pick-up voltage (23°C)		DC:≤75%Rated voltage,AC:≤80%Rated voltage		
Drop-out voltage (23°C)		DC:≥10%Rated voltage,AC:≥30%Rated voltage		
Max.Allowed voltage( 25°C)		110%Rated voltage		
Insulation resistance		≥ 500mΩ(500VDC)		
Coil power consumption	DC(W)	0.9		
	AC(VA)	1.2		
Operate time(at nominal voltage)		≤20ms		
Release time(at nominal voltage)		≤20ms		
Initial dielectric strength	Between contacts	1000VAC/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		-55~+70°C		
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:1.5mm		
Installation mode		Plug-in terminals		
Weight		Approx. 35g		
Matched relay socket		PYF08A PYF08A-E PYF08S-A PYF08S-E PY08 PY08-P	PYF11A PYF11A-E PY11 PY11-P	PYF14A PYF14A-E PYF14S-A PYF14S-E PY14 PY14-P
		FUJITSU	HH52P	HH53P
		OMRON	MY2	MY3
				HH54P
				MY4

### Coil Specifications (23°C)

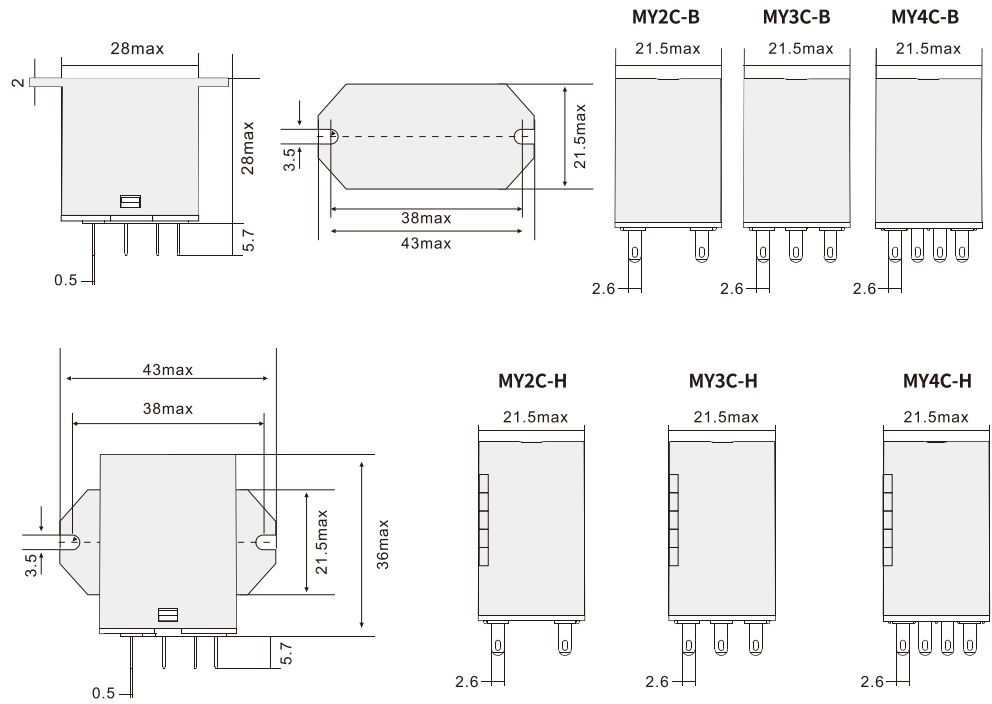
Rated voltage V.DC	6	9	12	24	36	48	110	220		
Coil resistance (±10%)	40	90	160	630	1500	2600	11000	42000		
Rated voltage V.AC	6	12	24	36	48	110	120	230	240	380
Coil resistance (±10%)	11.5	40	160	370	600	3750	3900	15000	18790	42000

### Contact Specification

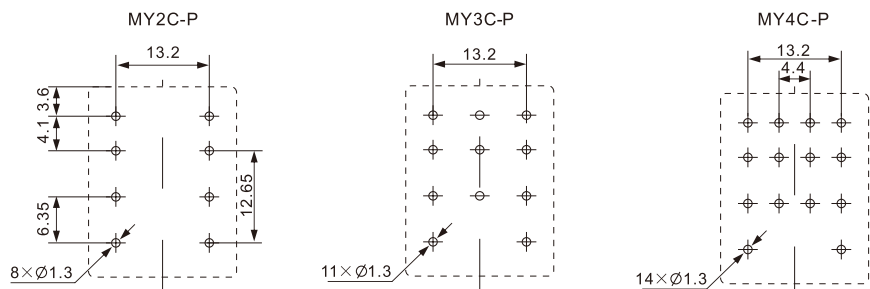
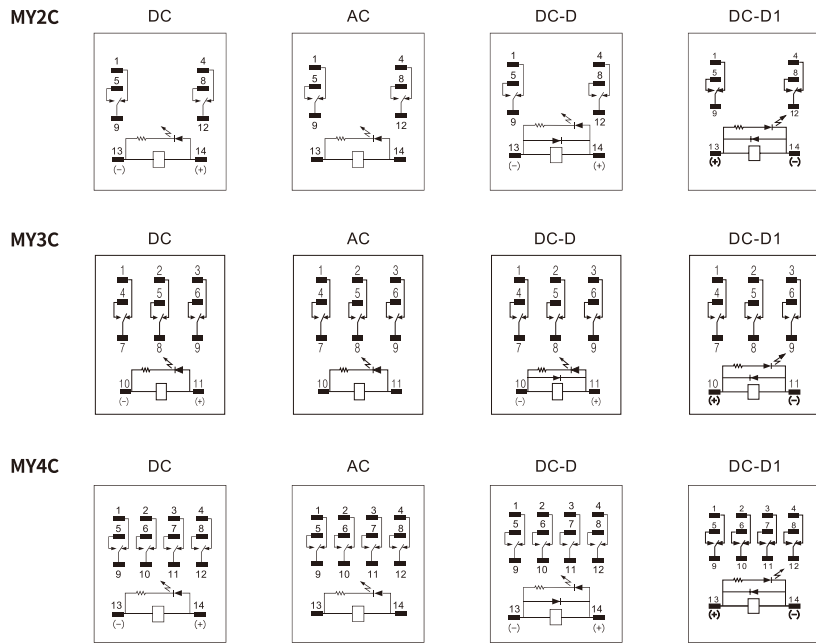
#### MY2C&MY3C&MY4C



**Dimensions (mm)**



**Wiring Diagrams**



**Characteristics**



**PYF08A-E**



**PYF14A-E**

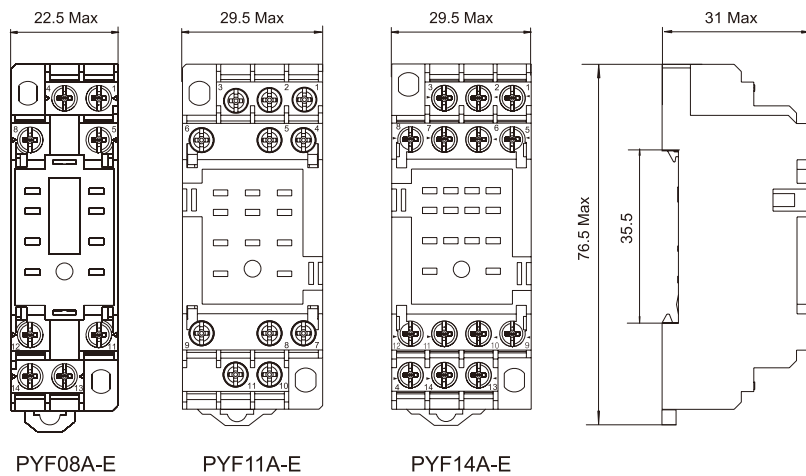


Type		PYF08A-E	PYF11A-E	PYF14A-E
Nominal load	Current	10	7	7
	Voltage	300		
Dielectric strength		2000		
Max. tightening torque		1.0		
Wire size		20-16/0.5-1.5		
Ambient temperature		-40~+85		
Unit weight	g	36	56	57

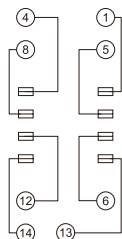
**Relay,accessories Selection Table**

Socket	Metal clip
PYF08A-E	<p><b>PY36S</b></p>
PYF11A-E	
PYF14A-E	

**Dimensions (mm)**

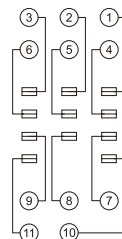


**Connection Diagrams**



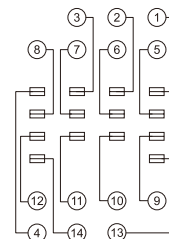
**PYF08A-E**

⑭ ⑬ : A1 A2  
 ① ④ : NC  
 ⑤ ⑧ : NO  
 ⑨ ⑫ : COM



**PYF11A-E**

⑩ ⑪ : A1 A2  
 ① ② ③ : NC  
 ④ ⑤ ⑥ : NO  
 ⑦ ⑧ ⑨ : COM



**PYF14A-E**

⑭ ⑬ : A1 A2  
 ① ② ③ ④ : NC  
 ⑤ ⑥ ⑦ ⑧ : NO  
 ⑨ ⑩ ⑪ ⑫ : COM

**Characteristics**



**PYF08A**



**PYF14A**

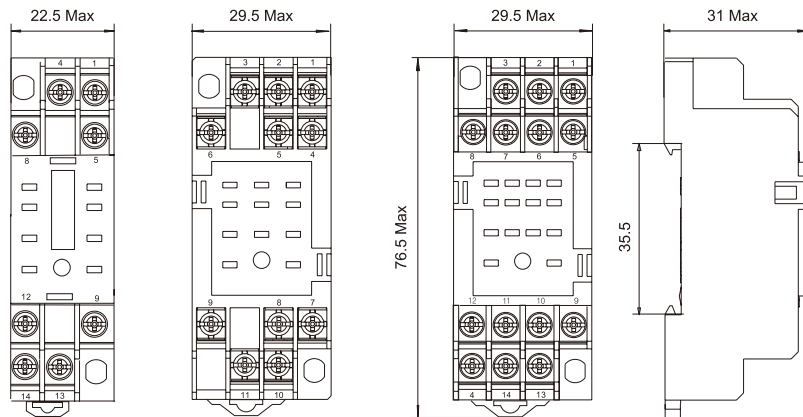


Type			PYF08A	PYF11A	PYF14A
Nominal load	Current	A	10	7	7
	Voltage	V	300		
Dielectric strength		V/min	2000		
Max. tightening torque		Nm	1.0		
Wire size		AWG/mm <sup>2</sup>	20-16/0.5-1.5		
Ambient temperature		°C	-40~+85		
Unit weight		g	36	56	57

**Relay,accessories Selection Table**

Socket	Metal clip
PYF08A	
PYF11A	
PYF14A	

**Dimensions (mm)**

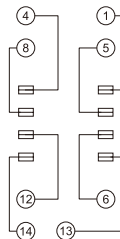


PYF08A

PYF11A

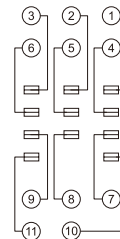
PYF14A

**Connection Diagrams**



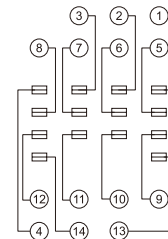
**PYF08A**

⑭ ⑬ : A1 A2  
 ① ④ : NC  
 ⑤ ⑧ : NO  
 ⑨ ⑫ : COM



**PYF11A**

⑩ ⑪ : A1 A2  
 ① ② ③ : NC  
 ④ ⑤ ⑥ : NO  
 ⑦ ⑧ ⑨ : COM



**PYF14A**

⑭ ⑬ : A1 A2  
 ① ② ③ ④ : NC  
 ⑤ ⑥ ⑦ ⑧ : NO  
 ⑨ ⑩ ⑪ ⑫ : COM

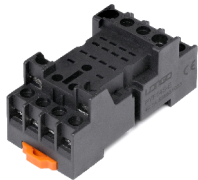
**Characteristics**






PYF08S-E



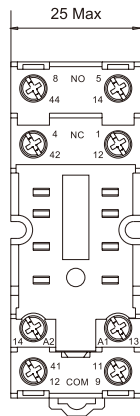
PYF14S-E



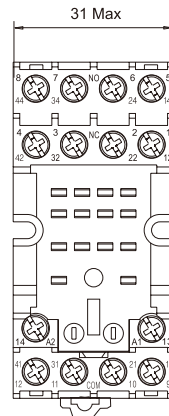
Type			PYF08S-E	PYF14S-E
Nominal load	Current	A	12	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/min	4000	
	Between contacts	V/min	2500	
Max. tightening torque	Nm	1.0		
Wire size	AWG/mm <sup>2</sup>	20-14/0.5-2.5		
Ambient temperature	°C			
Unit weight	g	35	45	

Socket	Metal clip	ID tag	Module
PYF08S-E	 PK36M	 PK4P	-
PYF14S-E			 AMD

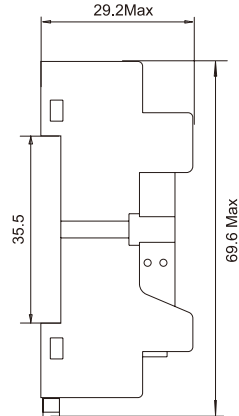
**Dimensions (mm)**



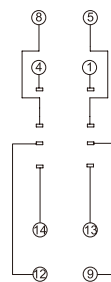
PYF08S-E



PYF14S-E

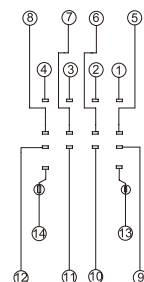


**Connection Diagrams**



PYF08S-E

- ⑬ ⑭ : A1 A2
- ① ④ : NC
- ⑤ ⑧ : NO
- ⑨ ⑫ : COM



PYF14S-E

- ⑬ ⑭ : A1 A2
- ① ② ③ ④ : NC
- ⑤ ⑥ ⑦ ⑧ : NO
- ⑨ ⑩ ⑪ ⑫ : COM