



## ■ Accessories

### Socket

Applicable Relay	Model
All G7T I/O Relay and the G3TA models.	P7TF-05

### P70 Indicator Module

Remove the transparent style strip of the Socket and mount this module. It will function as an operation indicator with surge suppression.

Model	Applicable Relay coil voltage	Remarks
For AC Relay	P70A	100/110 VAC
		200/220 VAC
For DC Relay	P70D	12/24 VDC

- Note:**
- Order the Indicator Module that is suited to the Relay coil voltage.
  - The Indicator Module for DC Relays has a multiple power supply common to 12 and 24 VDC.
  - Input current (reference values):  
 100/110 VAC: 1.14 to 1.38 mA  
 200/220 VAC: 1.40 to 1.71 mA  
 12/24 VDC: 4.83 to 5.90 mA

## Specifications

### ■ Ratings

#### Coil Ratings (Common to Both Input and Output)

Rated voltage (V)	Item	Rated current		Coil resistance	Must operate voltage	Must release voltage	Max. voltage	Power consumption
		50 Hz	60 Hz					
AC	100/110	8.2/9 mA	7/7.7 mA	8,700 Ω	80% max. of rated value	30% min. of rated value	110% of rated value	0.7 VA
	200/220	4.1/4.5 mA	3.5/3.85 mA	33,300 Ω				
DC	12	42 mA		290 Ω	80% max. of rated value	10% min. of rated value	110% of rated value	0.5 W
	24	21 mA		1,150 Ω				
	100/110	5 mA		20,000 Ω				

- Note:**
- The rated current and coil resistance values are measured at a coil temperature of 23°C. Tolerances of AC rated current are +15%, -20% and tolerances of coil resistance are ±15%.
  - Four rated voltages or currents are available to single AC models used with the P7TF-05 Socket. Only three rated voltages or currents are available, however, when the Relay is used in place of the G7TC.
  - The operating characteristics values are for a coil temperature of 23°C.
  - The maximum voltage is one that is applicable to the Relay coil instantaneously at 23°C and not continuously.

### Contact Ratings

Item	Classification	For input		For output	
		Resistive load (cosφ = 1)	Inductive load (L/R = 7 ms)	Resistive load (cosφ = 1)	Inductive load (cosφ = 0.4, L/R = 7 ms)
Contact mechanism		Crossbar bifurcated		Single	
Contact material		AgAu-clad Ag		AgSnIn	
Rated load		1 A at 24 VDC	0.5 A at 24 VDC	5 A at 24 VDC 2 A at 220 VAC	2 A at 24 VDC 1 A at 220 VAC
Rated carry current		1 A		5 A	
Max. switching voltage		250 VAC, 125 VDC			
Max. switching current		1 A		5 A	
Failure rate (reference value)		100 μA at 1 VDC		10 mA at 5 VDC	