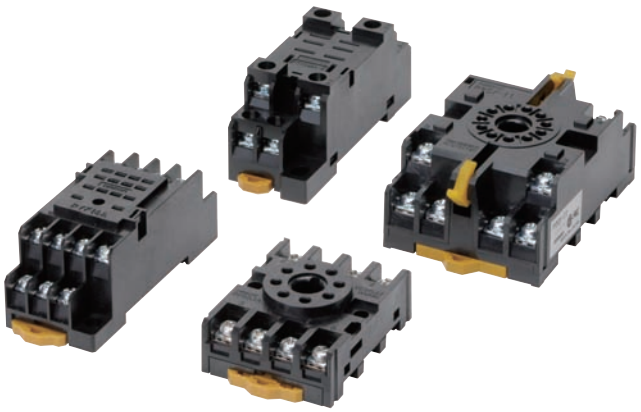
Products Related to Common Sockets and DIN Tracks

A Wide Variety of Square and Round Sockets in Front-mounting and Back-mounting Models

- Models available with finger protection.
- Hold-down Clips and Socket Bridges for PYF Sockets are also available.
- New screwless models available.



Models Used with Common Sockets

Sockets

Item / Group name		Model	Number of pins	Applicable Sockets	
				Front-mounting	Back-mounting
Proximity Sensors	E2C	E2C-AM4A	8	P2CF-08	P3G
		E2C-AK4A	11	P2CF-11	P3GA
		E2C-GE4A E2C-GF4A	8	PYF08A	PY
Level Devices	61F	61F-GP-N8 61F-APN2	8	PF083A	PL
		61F-UHS		8PFA1	
		61F-HSL		8PFA	
		61F-03B, -04B 61F-GP-N 61F-GPN-V50 61F-GPN-BT/BC	11	PF113A	
		61F-IP 61F-G1P, -G2P	14	14PFA	
	K7L	K7L-AT50/AT50D K7L-U/-UD	8	P2RF-08(-E)	---
General-purpose Relays and Solid-state Relays	MY (Q, K, H)	MY1, MY2	8	PYF	PY
		MY3	11		
		MY4, MYQ4 MY4Z-CBG MY2K, MY4H	14		
	LY	LY1, LY2	8	PTF	PT
		LY3	11		
		LY4	14		
	G7K	G7K-412S			---
	G2A(K)	G2A, G2A-434 G2AK	14	PYF	PY
	MK(K)	MK2P	8	PF083A(-E)	PL
		MK3P MK2KP	11	PF113A(-E)	

Item / Group name		Model	Number of pins	Applicable Sockets	
				Front-mounting	Back-mounting
General-purpose Relays and Solid-state Relays	MM	MM2(X)P	8	8PFA	PL
		MM3P MM2(X)KP	11	PFA	
		MM3XP MM3(X)KP MM4(X)P MM4(X)KP	14		
	G4Q	---	8	8PFA1	PL
	G3F	G3F(D) Series G3FM	8	PYF	PY
	G3H	G3H(D) Series		PTF	PT
	G3B	G3B(D) Series		PF083A	PL
	G9H	G9H-2□□S		PTF	PT
	G2R	G2R-1-S□	5	P2RF-05□	P2R -05□
		G2R-2-S□	8	P2RF-08□	P2R -08□
	G3R	---	5	P2RF-05□	P2R -05□
	G7T G3TA	G7T G3TA	5	P7TF-05	---
	G7S	G7S-4A2B-E G7S-3A3B-E	14	P7S-14F-END	P7S -14P-E
	G7SA	G7SA-3A1B G7SA-2A2B	10	P7SA-10F P7SA-10F-ND	P7SA □-10P
		G7SA-5A1B G7SA-4A2B G7SA-3A3B	14	P7SA-14F P7SA-14F-ND	P7SA □-14P
Timers	H3CA	H3CA-8(H)	8	P2CF	P3G PL
		H3CA-A	11		P3GA PL
	H5CN	H5CN-□M			P3GA
		Other H5CN models	8		P3G
	H5CX	H5CX-L8□	8		P3G
		H5CX-A11□	11		P3GA
	H5CZ	H5CZ-L8□	8		P3G

Item: Group name		Model	Number of pins	Applicable Sockets: Front-mounting	Applicable Sockets: Back-mounting
Timers	H3CR	H3CR-A8□ H3CR-F8□ H3CR-G8□ H3CR-H8□	8	P2CF	P3G PL
		H3CR-A H3CR-AS H3CR-AP H3CR-F H3CR-FN H3CR-HRL	11		P3GA PL
	H3M	---	8	PF085A	P3G PL
	H3Y	H3Y-2	8	PYF	PY
		H3Y-4	14		
	H3YN	H3YN-2□	8		
		H3YN-4□	14		
	H3RN	H3RN-1□	5	P2RF-□-E	P2R □-□7P
		H3RN-2□	8		
	RD2P	---	8	8PFA1	PL
	H2C	---	8	P2CF PF085A	P3G PL
Counters	H7CX	H7CX-A11□	11	P2CF	P3GA
	H7CZ	H7CZ-L8□	8		P3G
	H7CN	H7CN-□M	11		P3GA
		Other H7CN models	8		P3G
Temperature Controllers	E5CN	E5CN-□U	11		P3GA
	E5C2	---	8		P3G
	E5CS	E5CS-□1, □2	11		P3GA
		Other E5CS models	8		P3G
	E5L	---	14	PTF14A	---
Signal Converters	K3FK	K3FK models not listed below	8	8PFA (Included with Converter)	---
		K3FK-G□ K3FK-GS□ K3FK-SL-?5-□	11	11PFA (Included with Converter)	
Component Protective Components	SE	SE-KP□N	8	8PFA1	---
	SAO	SAO-□			
	APR	APR-S		PF083A	PL08
		APR-S380/-S440	11	P2CF-11	PL11
	K2CU	K2CU-P	8	8PFA1	---
	SDV	SDV-F□□/-FH□T			PL08
		SDV-D□□	14	14PFA	PL15
	LG2	LG2-□	8	PF083A	PL08
	K6EL	K6EL-□	11	P2CF-11	PL11 and P3GA-11
Products for High-voltage Power Receiving Equipment	AGF	AGF-1-P5	8	8PFA1	---
Annunciators	MYA	MYA-NA1, -NB1	8	PF083A	PL
		MYA-NA2, -NB2 MYA-LA1, -LB1 MYA-LA2, -LB2 MYA-LA12, -LB12	11	PF113A	

Hold-down Clips

For Square Sockets

Sockets / Applicable models	PYF□A PTF□A	PYF08M	PY□(QN) PT□(QN)	PY□-02 PT□-0
MY□, MY□N, MY□-D, MY2□-CR, MY4□-CR, MY4Z□-CR, MY□-TU, MY2K, MY□N-D2, LY□, LY□N, LY□-TU, MYQ□, G3H(D) Series, G3F(D) Series, G3FM, and G9H	PYC-A1	PYC PYC-P	PYC-P PYC-S	PYC-P
MY□I * LY□I		---	PYC-P2	
MY4H		---	PYC-P	
MY2Z□-CR MY3□-CR LY□-CR	Y92H-3	---	PYC-1	
G2A(K) Series	PYC-A2	---	PYC-2 PYC-3 PYC-5	PYC-3 PYC-5
G7K	PKC	---		
H3Y	Y92H-3	---	Y92H-4	

Note: The □ in the model number is replaced with 08, 11, or 14.

✻ If you use a Hold-down Clip with the MY2I, you cannot use the PYF08A.
Use the PYF14A.

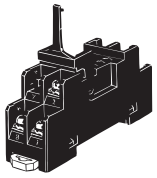
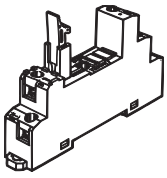
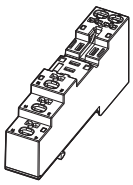
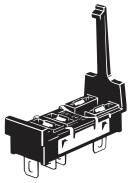
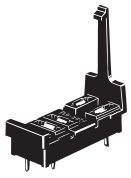
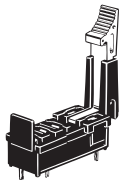
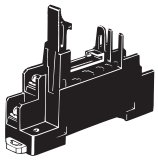
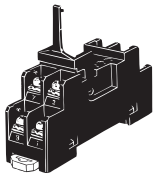
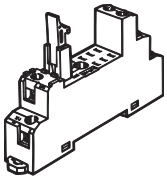
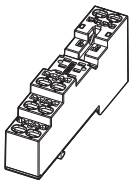
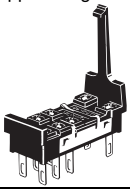
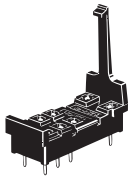
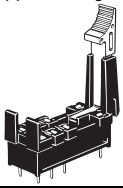
For Round Sockets

Sockets / Applicable models	PF083A PF113A	PL08 (-Q) PL11 (-Q)	PLE08-0 PLE11-0	P2CF-11
61F-03B, -04B	PFC-A1	PLC	PLC-10	---
61F-GP-N, -GPN-BT 61F-GP-N8 ?61F-APN2	PFC-N8	PHC-5		
MK2P Series, MK2KP, MK3P□(-US), and G3B(D) Series	PFC-A1	PLC		
MK3ZP MK3LP		PLC-1		
MYA-NA1, -NB1 MYA-LA1, -LB1 MYA-NA2, -NB2 MYA-LA2, -LB2	PFC-A6	PLC-7	---	---
MYA-LA12, -LB12	PFC-A7	PLC-8	---	---
APR-S	PFC-A6	PLC-7	---	---
APR-S380/-S440	---	---	---	Y92H-1
LG2	PFC-A7	PLC-8	---	---
K6EL	---	Y92H-1	---	---

Note: 1. The 8PFA(1), 11PFA, and 14PFA are held with hooks.
2. The PL15, PL20, and PF202, as well as models not given in the above table, require panel processing for installation.
3. The PF085A Hold-down Clip is included with the H3M and H2A. It is an option (sold separately) for the H2C.

Ordering Information

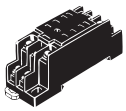
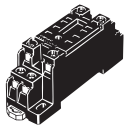
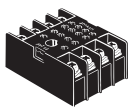
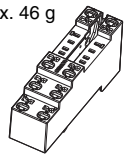
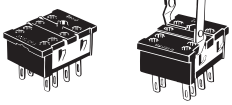
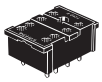
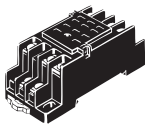
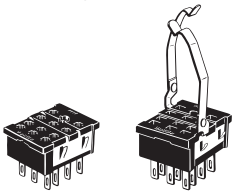
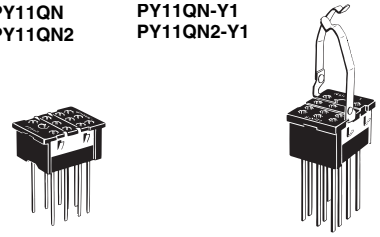
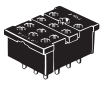
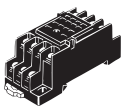
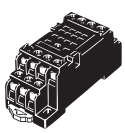
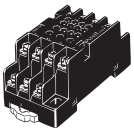
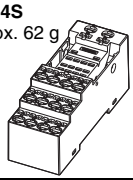
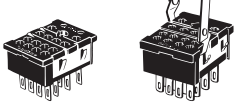
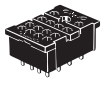
Square Sockets

Model / Number of pins	P2RF (front-mounting), page 9			P2R (back-mounting), pages 11 and 12			P7TF (front-mounting), page 12
				Solder terminals	PCB terminals		
5 pins	**P2RF-05** Approx. 27 g 	**P2RF-05-E*** Approx. 38 g 	**P2RF-05-S** Approx. 36 g 	**P2R-05A** Approx. 5 g 	**P2R-05P** Approx. 5 g 	**P2R-057P** Approx. 5.5 g 	**P7TF-05** Approx. 28 g 
8 pins	**P2RF-08** Approx. 33 g 	**P2RF-08-E*** Approx. 38 g 	**P2RF-08-S** Approx. 40 g 	**P2R-08A** Approx. 5 g 	**P2R-08P** Approx. 5 g 	**P2R-087P** Approx. 5.5 g 	---

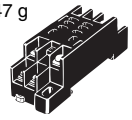
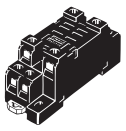
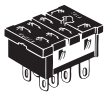
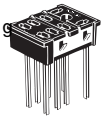
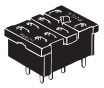
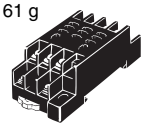
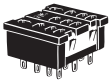
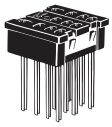
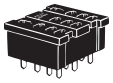
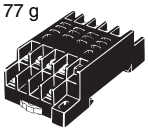
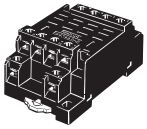
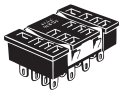
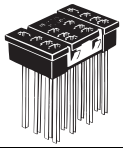
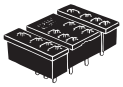
Note: 1. The structure of □-E models provides finger protection. Round terminals cannot be used. Use forked crimp terminals.
2. To remove the Relay, pull the lever on the Socket with your fingers supporting the lever and the opposite side of the Relay case, and jiggle the Relay.
✻ Use a #1 Phillips screwdriver to tighten the screws on this Socket.

Minimum Order Lot The following models are available at the minimum order lot specified below.

Number of pins / Model	P2RF	P2R		P7TF	Minimum order lot (pcs)
5 pins	P2RF-05	P2R-05A	P2R-05P	P7TF-05	10
8 pins	P2RF-08	P2R-08A	P2R-08P	---	

Model / Number of pins	PYF (front-mounting), page 14	PY (back-mounting), page 15		
		Solder terminals	Wrapping terminals	PCB terminals
8 pins	**PYF08A** Approx. 32 g  **PYF08A-E** *1  **PYF08M** Approx. 26 g  **PYF08S** Approx. 46 g 	**PY08** Approx. 8 g **PY08-Y1** **PY08-Y3** 	**PY08QN** Approx. 12 g **PY08QN2** **PY08QN-Y1** **PY08QN2-Y1** 	**PY08-02** *2 Approx. 7.2 g 
11 pins	**PYF11A** Approx. 43 g 	**PY11** Approx. 9 g **PY11-Y1** 	**PY11QN** **PY11QN2** **PY11QN-Y1** **PY11QN2-Y1** 	**PY11-02** *2 
14 pins	**PYF14A** Approx. 49 g  **PYF14A-E**[*1]  **PYF14T** Approx. 53 g  **PYF14S** Approx. 62 g 	**PY14** Approx. 10 g **PY14-Y1** **PY14-Y3** 	**PY14QN** Approx. 14 g **PY14QN2** **PY14QN-Y1** **PY14QN2-Y1** **PY14QN-Y3** **PY14QN2-Y3** 	**PY14-02** *2 

Note: 1. The structure of □-E models provides finger protection. Round terminals cannot be used. Use forked crimp terminals.
2. Refer to Models with Standards Certification for detailed information on the models of Common Sockets that are certified for standards.
✻1. Use a #1 Phillips screwdriver to tighten the screws on this Socket.
✻2. The structure does not resist flux. Manual soldering is recommended for this product.

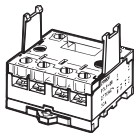
Model / Number of pins	PTF (front-mounting), page 17		PT (back-mounting), page 18		
			Solder terminals	Wrapping terminals	PCB terminals
8 pins	**PTF08A** Approx. 47 g  **PTF08A-E** *1 		**PT08** Approx. 11 g 	**PT08QN** Approx. 10.4 g 	**PT08-0** *2 Approx. 8 g 
11 pins	**PTF11A** Approx. 61 g 		**PT11** Approx. 13 g 	**PT11QN** 	**PT11-0** *2 Approx. 12.2 g 
14 pins	**PTF14A** Approx. 77 g  **PTF14A-E** *1 		**PT14** Approx. 17 g 	**PT14QN** Approx. 20 g 	**PT14-0** *2 Approx. 16.2 g 

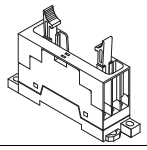
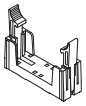
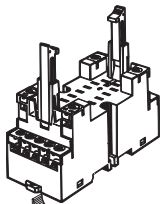
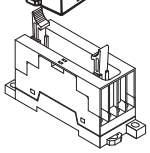
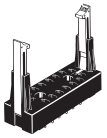
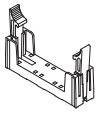
Note: The structure of □-E models provides finger protection. Round terminals cannot be used. Use forked crimp terminals.
✻ Use a #1 Phillips screwdriver to tighten the screws on this Socket.
✻ The structure does not resist flux. Manual soldering is recommended for this product.

Minimum Order Lot

The following models are available at the minimum order lot specified below.

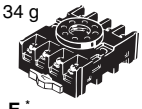
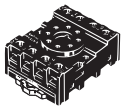
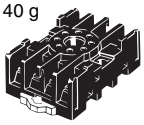
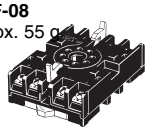
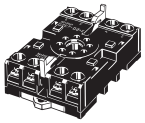
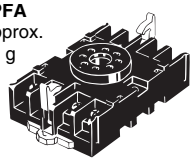
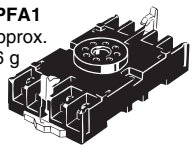
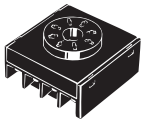
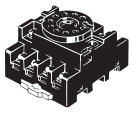
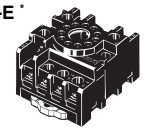
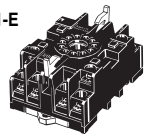
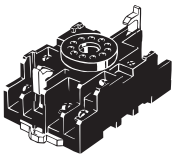
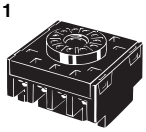
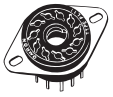
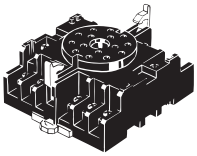
Number of pins / Model	PYF	PY	PTF	PT	Minimum order lot (pcs)
8 pins	PYF08A PYF08M	PY08	PTF08A	PT08	10
11 pins	PYF11A	PY11	PTF11A	PT11	
14 pins	PYF14A	PY14	PTF14A	PT14	

Model / Number of pins	P7LF (front-mounting), page 20
6 pins	**P7LF-06** Approx. 60 g 

Model / Number of pins	P7S/P7SA, pages 20 and 21	
	Front-mounting	PCB terminals
10 pins	**P7SA-10F** Approx. 44 g **P7SA-10F-ND** Approx. 44 g 	**P7SA-10P** Approx. 9 g 
14 pins	**P7S-14F-END** Approx. 110 g  **P7SA-14F** Approx. 59 g **P7SA-14F-ND** Approx. 59 g 	**P7S-14P-E** Approx. 25 g  **P7SA-14P** Approx. 10 g 

Note: Refer to *Models with Standards Certification* for detailed information on the models of Common Sockets that are certified for standards.

Round Sockets

Model / Number of pins	PF (front-mounting), page 22	P2CF (front-mounting), page 23	PFA (front-mounting), page 24	P3G (back-mounting), page 25	PL (back-mounting), page 26		
					Solder terminals	Wrapping terminals	PCB terminals
8 pins	**PF083A** Approx. 34 g  **PF083A-E** *  **PF085A** Approx. 40 g 	**P2CF-08** Approx. 55 g  **P2CF-08-E** 	**8PFA** Approx. 57 g  **8PFA1** Approx. 66 g 	**P3G-08** Approx. 40g  **Note:** The Y92A-48G Terminal Cover can be used to provide finger protection.	**PL08** Approx. 14 g 	**PL08-Q** Approx. 15 g 	**PLE08-0** Approx. 10.6g 
11 pins	**PF113A** Approx. 47 g  **PF113A-E** * 	**P2CF-11** Approx. 70g  **P2CF-11-E** 	**11PFA** Approx. 74 g 	**P3GA-11** Approx. 47 g  **Note:** The Y92A-48G Terminal Cover can be used to provide finger protection.	**PL11** Approx. 15 g 	**PL11-Q** Approx. 18.5A 	**PLE11-0** Approx. 10.8 g 
14 pins	---	---	**14PFA** Approx. 104 g 	---	**PL15** Approx. 28 g 	---	---
20 pins	---	---	---	---	**PL20** Approx. 17 g 	---	---

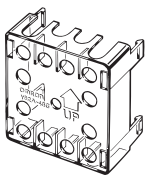
Note: The structure of □-E models provides finger protection. Round terminals cannot be used. Use forked crimp terminals.
✻ Use a #1 Phillips screwdriver to tighten the screws on this Socket.

Minimum Order Lot

The following models are available at the minimum order lot specified below.

Number of pins / Model	PF	P2CF	PFA	P3G	PL
8 pins	PF083A, PF085A	P2CF-08, P2CF-08-E	8PFA. 8PFA1	P3G-08	PL08
11 pins	PF113A	P2CF-11, P2CF-11-E	11PFA	P3GA-11	PL11
14 pins	---	---	14PFA	---	PL15
Minimum order lot (pcs)	20	10	20	10	

Terminal Cover

Model	Y92A-48G
Appearance	

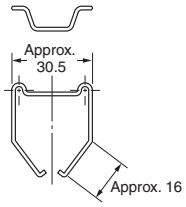
Note: Refer to Models with Standards Certification for detailed information on the models of Common Sockets that are certified for standards.

Hold-down Clips

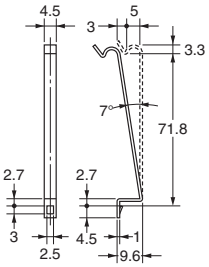
(Unit: mm)

For Square Sockets

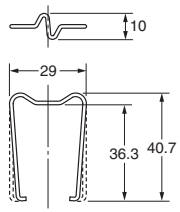
PHC-12



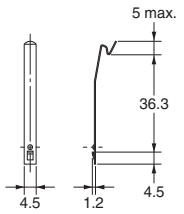
PKC One Set (2 Clips)



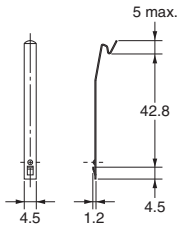
PTC-1



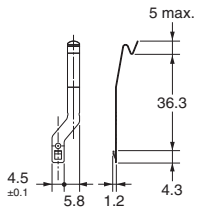
PYC-A1 Approx. 0.54 g
One Set (2 Clips)



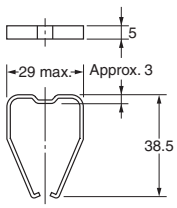
PYC-A2
One Set (2 Clips)



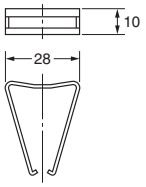
PYC-E1
One Set (2 Clips)



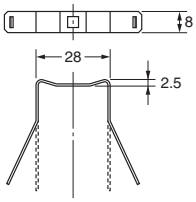
PYC-P Approx. 1.4 g



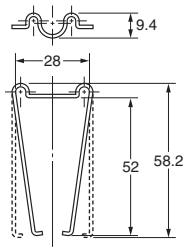
PYC-P2 Approx. 1.2 g



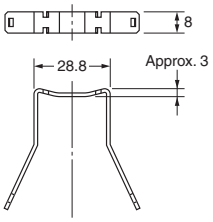
PYC-S Approx. 1.8 g



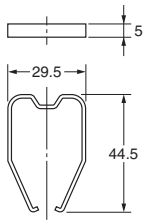
PYC-1 Approx. 6 g



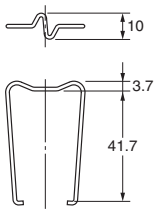
PYC-2



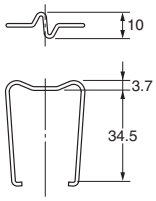
PYC-3



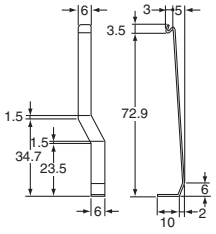
PYC-5



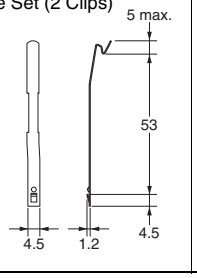
PYC Approx. 0.2 g



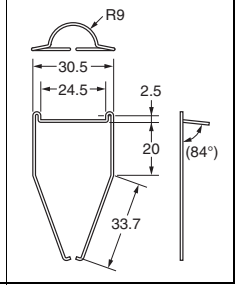
Y92H-1



Y92H-3
One Set (2 Clips)

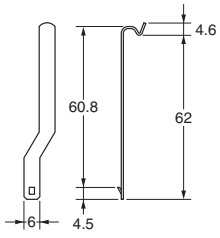


Y92H-4

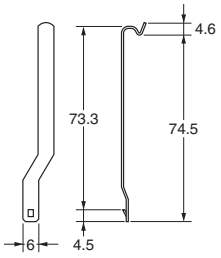


For Round Sockets

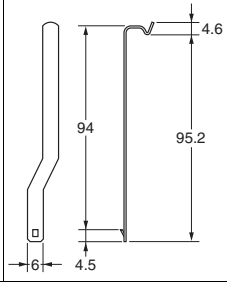
PFC-A1 Approx. 2.2 g
One Set (2 Clips)



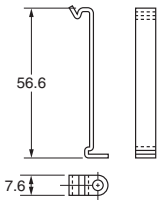
PFC-A6 Approx. 2.4 g
One Set (2 Clips)



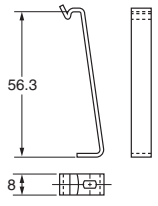
PFC-A7 Approx. 3.0 g
One Set (2 Clips)



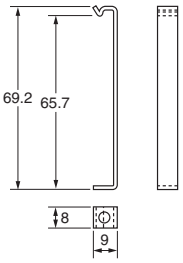
PLC Approx. 2.4 g
One Set (2 Clips)



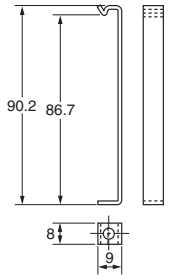
PLC-1 Approx. 2.6 g
One Set (2 Clips)



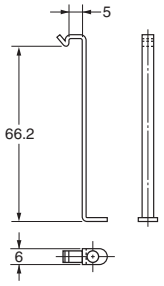
PLC-7 Approx. 3.0 g
One Set (2 Clips)



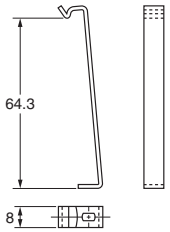
PLC-8 Approx. 6.4 g
One Set (2 Clips)



PLC-10 Approx. 2.0 g
One Set (2 Clips)



PLC-12 Approx. 5.4 g
One Set (2 Clips)



Minimum Order Lot

The following models are available at the minimum order lot specified below.

Type	Model	Minimum order lot (pcs)
For Square Sockets	PYC-A1 PYC-P	100
	PYC-A2 PYC-S PYC-1 PYC-2 PYC-3 PYC-5	10
For Round Sockets	PFC-A1 PFC-A6 PFC-A7 PLC	20

Specifications

Socket Characteristics

Model	Continuous carry current	Dielectric strength	Insulation resistance*1	Remarks
P2RF-05(-E)(-S)	10 A	Between contact terminals of same polarity: 1,000 VAC for 1 min	1,000 MΩ min.	
		Between coil and contact terminals: 4,000 VAC for 1 min		
P2RF-08(-E)(-S)	5 A	Between contact terminals of different polarity: 3,000 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 1,000 VAC for 1 min		
		Between coil and contact terminals: 4,000 VAC for 1 min		
P2R-05P	10 A	Between contact terminals of same polarity: 1,000 VAC for 1 min	1,000 MΩ min.	
		Between coil and contact terminals: 4,000 VAC for 1 min		
P2R-08P	5 A	Between contact terminals of different polarity: 3,000 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 1,000 VAC for 1 min		
		Between coil and contact terminals: 4,000 VAC for 1 min		
P2R-057P	10 A	Between contact terminals of same polarity: 1,000 VAC for 1 min	1,000 MΩ min.	
		Between coil and contact terminals: 5,000 VAC for 1 min		
P2R-087P	5 A	Between contact terminals of different polarity: 3,000 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 1,000 VAC for 1 min		
		Between coil and contact terminals: 5,000 VAC for 1 min		
P2R-05A	10 A	Between contact terminals of same polarity: 1,000 VAC for 1 min	1,000 MΩ min.	
		Between ground terminals: 1,500 VAC for 1 min		
		Between coil and contact terminals: 4,000 VAC for 1 min		
P2R-08A	5 A	Between contact terminals of different polarity: 3,000 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 1,000 VAC for 1 min		
		Between ground terminals: 1,500 VAC for 1 min		
		Between coil and contact terminals: 4,000 VAC for 1 min		
P7TF-05	5 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
PYF08A(-E)(-S)	7 A, -S models: 10 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	The continuous carry current of 10 A for the PYF08S is for an ambient temperature of 55°C. At an ambient temperature of 70°C, the value is 7 A.
PYF11A	5 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
PYF14A(-E)(-S)	3 A, -S models: 5 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
PY08(-Y1)	7 A	Between terminals: 1,500 VAC for 1 min	1,000 MΩ min.	
PY08QN(-Y1)	7 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PY08-02	7 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PY11(-Y1)	5 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PY11QN(-Y1)	5 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PY11-02	5 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PY14(-Y1)	3 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PY14QN(-Y1)	3 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PY14-02	3 A	Between terminals: 1,500 VAC for 1 min	100 MΩ min.	
PTF□□A(-E)	10 A	Between terminals: 2,000 VAC for 1 min	100 MΩ min.	
PT□□	10 A	Between terminals: 2,000 VAC for 1 min	100 MΩ min.	
PT□□QN	10 A	Between terminals: 2,000 VAC for 1 min	100 MΩ min.	
PT□□-0	10 A	Between terminals: 2,000 VAC for 1 min	100 MΩ min.	
P7LF-06	30 A	Between contact terminals of different polarity: 2,000 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 2,000 VAC for 1 min		
		Between coil and contact terminals: 4,000 VAC for 1 min		
PF□□□A	5 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
P2CF	5 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
P3G(A)	6 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
8PFA(1)	10 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
11PFA(1)	10 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
PL□(-Q)	10 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
PLE□□-0	10 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.	
P6D-04P	5 A	Between contact terminals of same polarity: 1,000 VAC for 1 min	100 MΩ min.	
		Between coil and contact terminals: 3,000 VAC for 1 min		
P7S-14□-E(ND)	10 A	Between contact terminals of different polarity: 2,000 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 1,500 VAC for 1 min		
		Between coil and contact terminals: 2,000 VAC for 1 min		

Model	Continuous carry current	Dielectric strength	Insulation resistance*1	Remarks
P7SA-10□	6 A *2	Between contact terminals of different polarity: 2,500 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 1,500 VAC for 1 min		
		Between coil and contact terminals: 2,500 VAC for 1 min		
P7SA-14□	6 A *2	Between contact terminals of different polarity: 2,500 VAC for 1 min	1,000 MΩ min.	
		Between contact terminals of same polarity: 1,500 VAC for 1 min		
		Between coil and contact terminals: 2,500 VAC for 1 min		

✻1. The insulation resistance was measured with a 500-VDC insulation resistance meter at the same places as those used for measuring the dielectric strength.
✻2. There are restrictions in the current. Refer to the *General Catalog for the OMRON Safety Components* (Cat. No. Y106) for details.

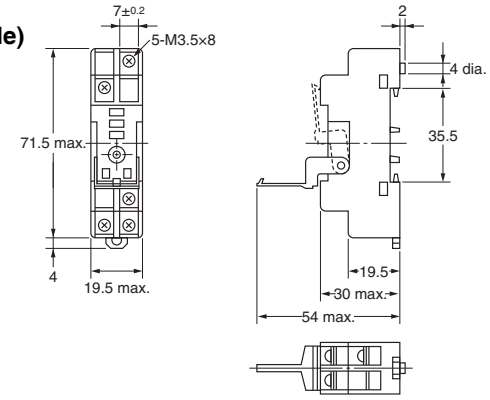
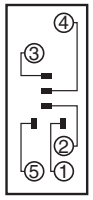
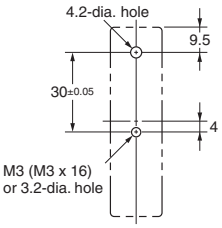
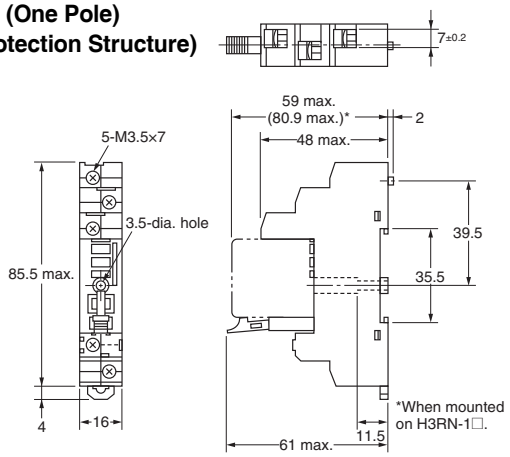
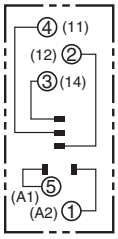
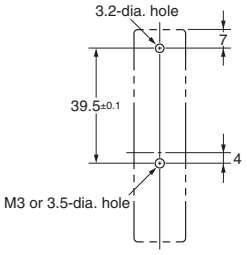
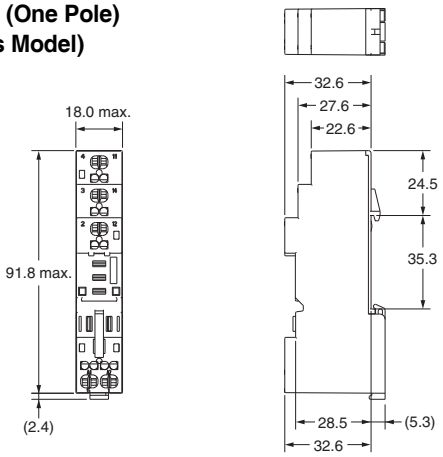
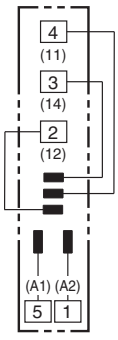
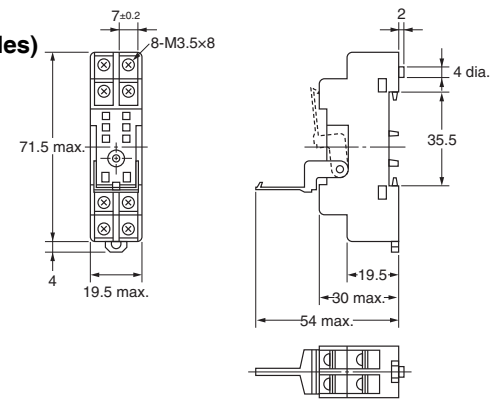
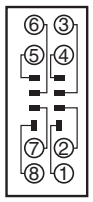
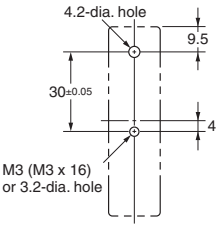
Safety Precautions

Refer to *Common Relay Precautions* for general precautions.

Dimensions

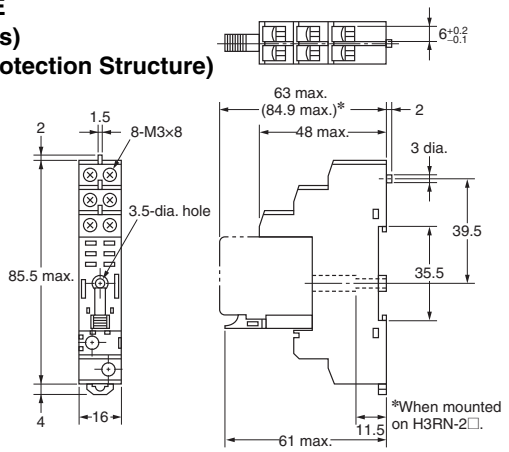
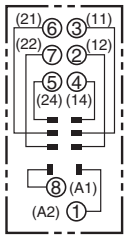
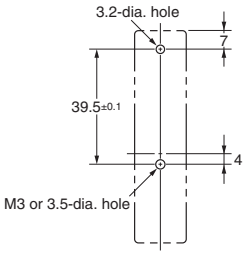
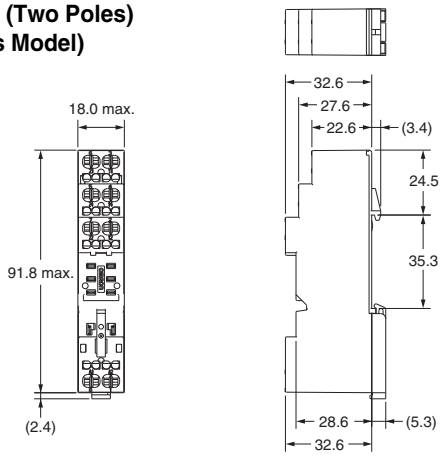
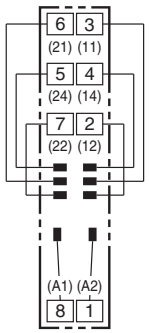
P2RF

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
P2RF-05 (One Pole) 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
P2RF-05-E (One Pole) **(Finger Protection Structure)** 	 (Top View) **Note:** Figures in parentheses indicate DIN standard numbers.	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
P2RF-05-S (One Pole) **(Screwless Model)** 	 (Top View) **Note:** Figures in parentheses indicate DIN standard numbers.	---
P2RF-08 (Two Poles) 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.

P2RF

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
P2RF-08-E (Two Poles) (Finger Protection Structure) 	 (Top View) **Note:** Figures in parentheses indicate DIN standard numbers.	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
P2RF-08-S (Two Poles) (Screwless Model) 	 (Top View) **Note:** Figures in parentheses indicate DIN standard numbers.	---

Note: 1. If an I/O SSR or Indicator Module is used, the polarity of terminal 1 is negative.
2. Refer to pages **28** and **30** for the features of Screwless Sockets and for precautions for correct use.

P2R

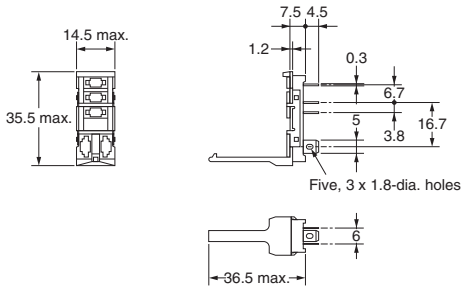
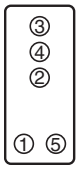
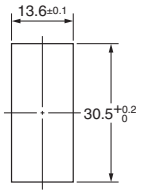
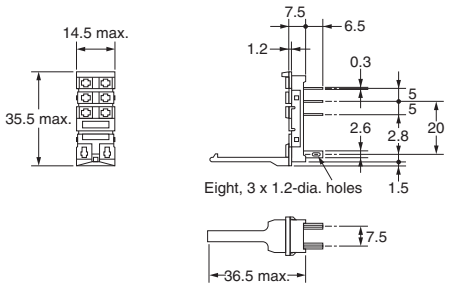
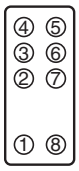
(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	PCB Dimensions
P2R-05P (One Pole)	(Bottom View)	(Bottom View)
P2R-08P (Two Poles)	(Bottom View)	(Bottom View)
P2R-057P (One Pole)	(Bottom View)	(Bottom View)
P2R-087P (Two Poles)	(Bottom View)	(Bottom View)

Note: If an I/O SSR or Indicator Module is used, the polarity of terminal 1 is negative.

P2R

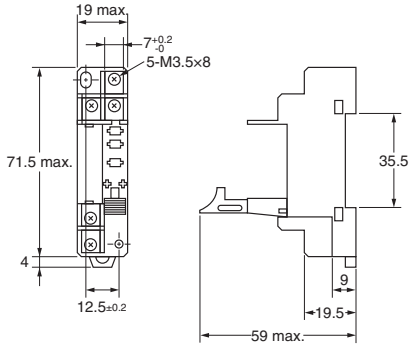
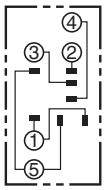
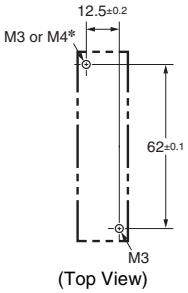
(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
P2R-05A (One Pole)		
	 (Bottom View)	 (Use panel with thickness of 1.6 to 2.0 mm.)
P2R-08A (Two Poles)		
	 (Bottom View)	

Note: If an I/O SSR or Indicator Module is used, the polarity of terminal 1 is negative.

P7TF

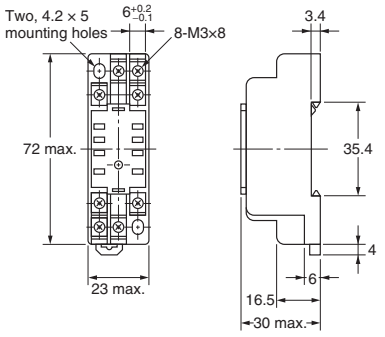
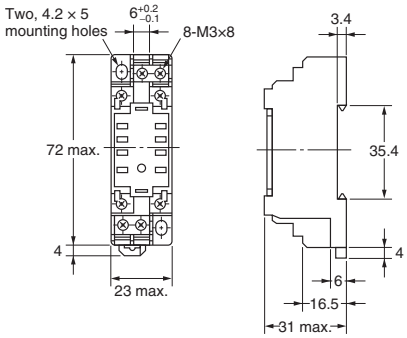
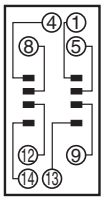
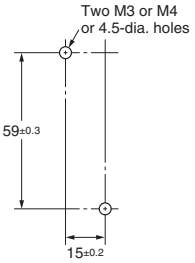
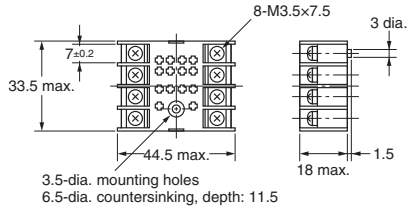
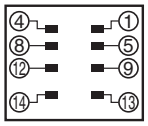
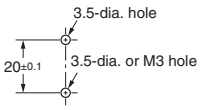
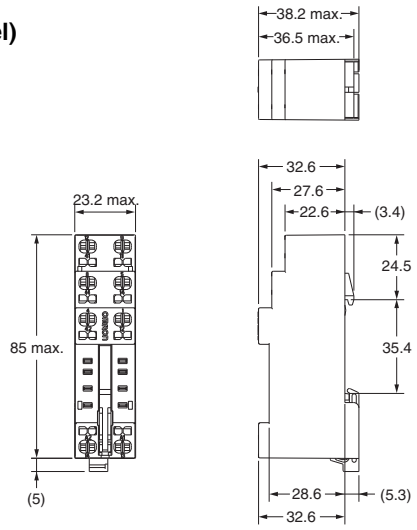
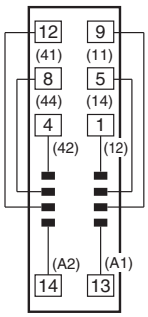
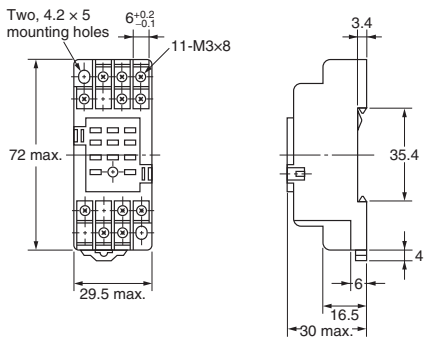
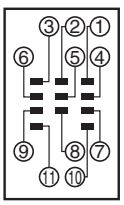
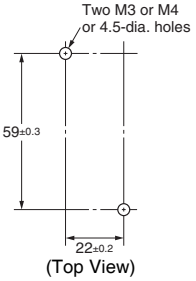
(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
P7TF-05		
	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27. * We recommend that you use washers if you use M3 bolts or screws. Washers are not required with M4 bolts or screws.

Note: If an I/O SSR or Indicator Module is used, the polarity of terminal 1 is positive.

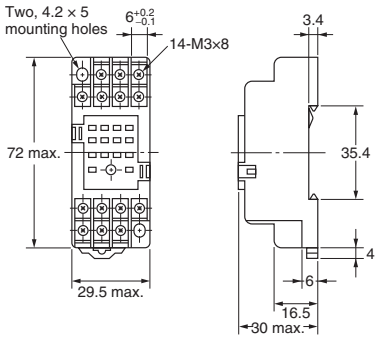
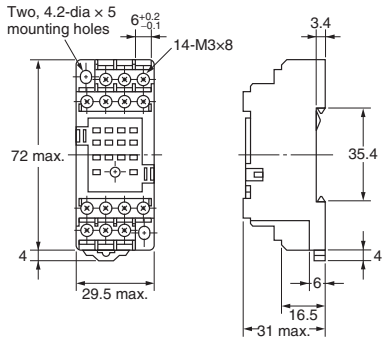
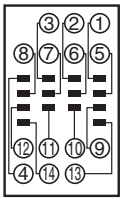
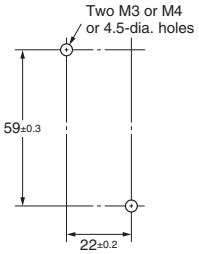
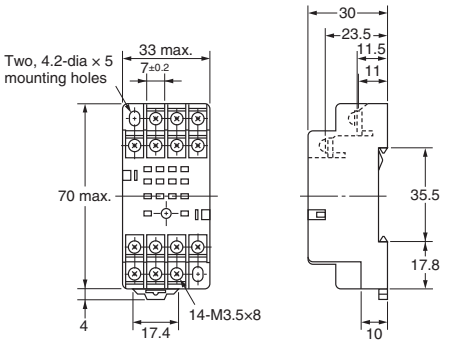
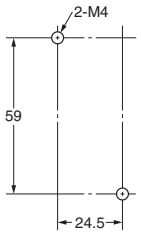
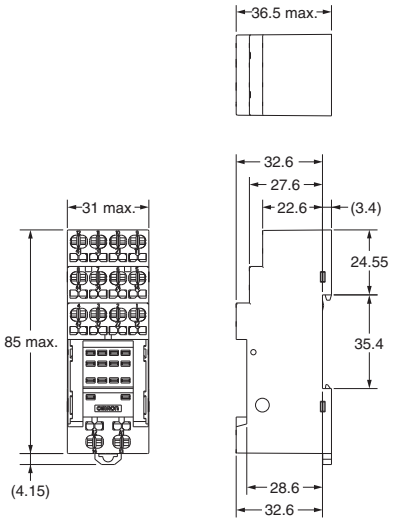
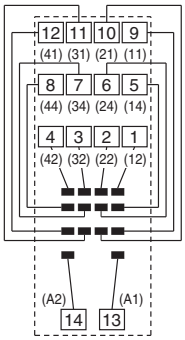
PYF

(Unit: mm)

Dimensions	Terminal Arrangement/Internal Connections	Mounting Hole Dimensions
PYF08A  **PYF08A-E** **(Finger Protection Structure)** 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
PYF08M 	 (Top View)	
PYF08S **(Screwless Model)** 	 (Top View) **Note:** Figures in parentheses indicate DIN standard numbers.	---
PYF11A 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.

PYF

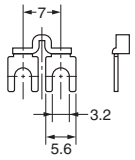
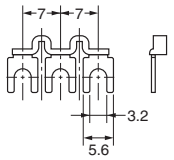
(Unit: mm)

Dimensions	Terminal Arrangement/Internal Connections	Mounting Hole Dimensions
PYF14A  **PYF14A-E** **(Finger Protection Structure)** 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
PYF14T 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
PYF14S **(Screwless Model)** 	 (Top View) **Note:** Figures in parentheses indicate DIN standard numbers.	---

Note: Refer to pages **28** and **30** for the features of Screwless Sockets and for precautions for correct use.

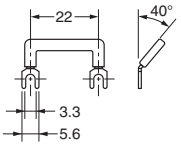
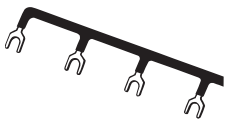
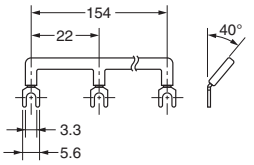
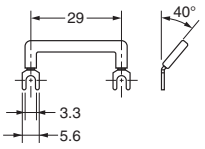
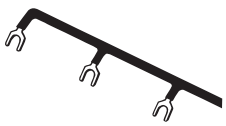
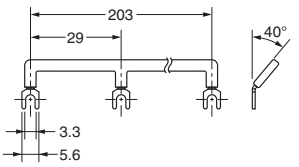
Relay Sockets and Socket Bridges for PYF

Bridges within the Same Socket

Pitch	Applicable models	Appearance	Dimensions (mm)	Model	Specifications
7 mm	PYF14A			PYD-020B□(2P)	Max. carry current: 20 A (18 A at 70°C) Ambient operating temperature: -40 to 70°C (with no icing or condensation) Ambient operating humidity: 45% to 85% (with no icing or condensation) Conductor material: Brass Conductor surface treatment: Nickel plating Package qty: 50/bag
				PYD-030B□(3P)	

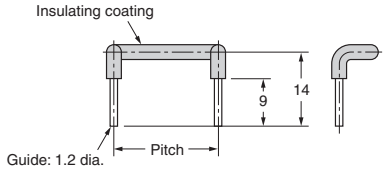
Note: 1. The □ in the model number is replaced with the insulation color specification code. B: Black, Y: Yellow
2. Specify the number of bags when ordering.

Bridges between Adjacent Sockets

Pitch	Applicable models	Appearance	Dimensions (mm)	Model	Specifications
22 mm	PYF08A			PYD-025B□(2P)	Max. carry current: 20 A (18 A at 70°C) Ambient operating temperature: -40 to 70°C (with no icing or condensation) Ambient operating humidity: 45% to 85% (with no icing or condensation) Conductor material: Brass Conductor surface treatment: Nickel plating Package qty: 10/bag
				PYD-085B□(8P)	
29 mm	PYF14A			PYD-026B□(2P)	Max. carry current: 20 A (18 A at 70°C) Ambient operating temperature: -40 to 70°C (with no icing or condensation) Ambient operating humidity: 45% to 85% (with no icing or condensation) Conductor material: Brass Conductor surface treatment: Nickel plating Package qty: 10/bag
				PYD-086B□(8P)	

Note: 1. The □ in the model number is replaced with the insulation color specification code. B: Black, S: Blue, R: Red
2. Specify the number of bags when ordering.

Socket Bridges

Pitch	Applicable models	Appearance and dimensions (mm)	Model	Insulation color
19.7 mm	PYF08S		PYDM-08SR	Red
			PYDM-08SB	Blue
27.5 mm	PYF14S		PYDM-14SR	Red
			PYDM-14SB	Blue
14.3 mm	P2RF-□□-S		P2RM-SR	Red
			P2RM-SB	Blue

Note: 1. Use the Socket Bridges for relay coil bridge wiring.
2. Specify the number of bags when ordering.

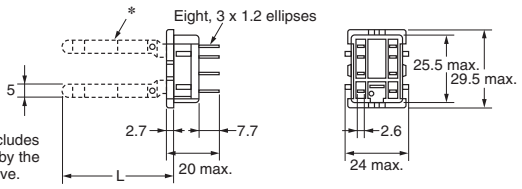
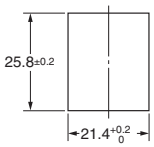
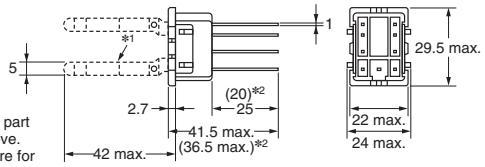
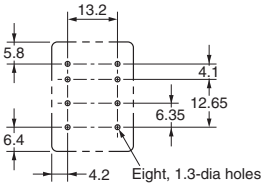
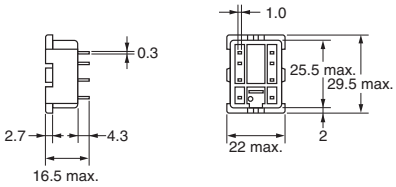
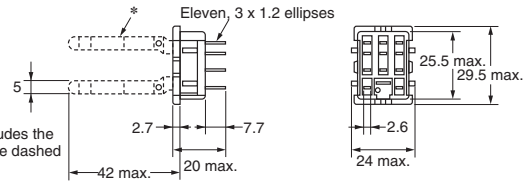
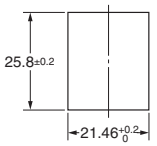
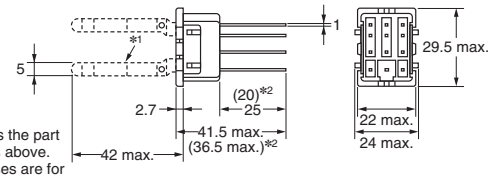
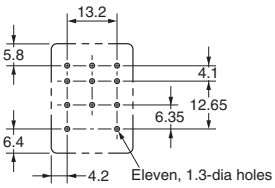
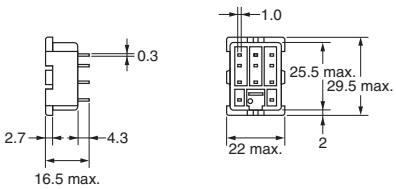
Safety Precautions

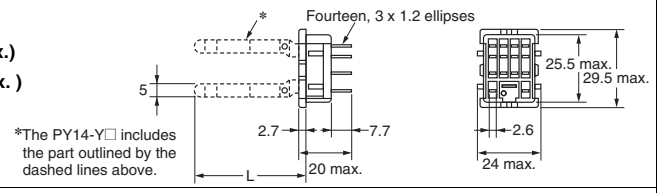
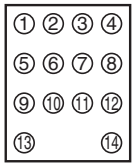
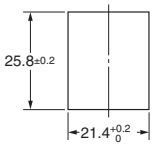
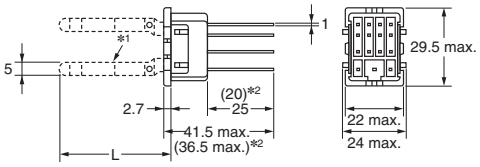
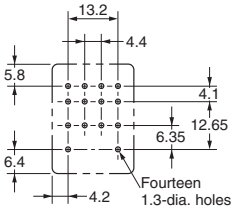
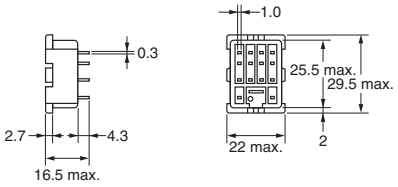
Maximum Carry Current

- The total current of all bridged poles must not exceed the maximum carry current of the Socket Bridge.
- Make sure that the maximum carry current of the relay contacts is also not exceeded for each pole.
- If you use more than one Socket, use End Plates (PFP-M).

PY

(Unit: mm)

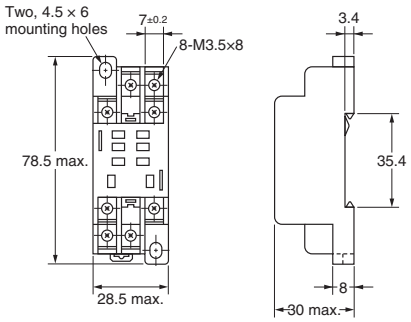
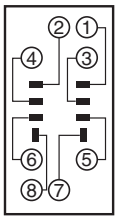
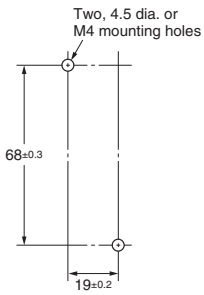
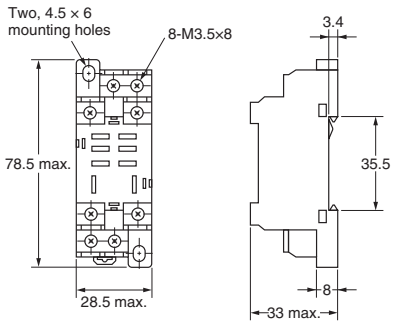
Dimensions	Terminal Arrangement/ Internal Connections	Mounting hole and PCB dimensions
PY08 **PY08-Y1 (L = 42 max.)** **PY08-Y13 (L = 60 max.)**  *The PY08-Y□ includes the part outlined by the dashed lines above.		
PY08QN **PY08QN2** **PY08QN-Y1** **PY08QN2-Y1**  *1. The PY08QN(2)-Y1 includes the part outlined by the dashed lines above. *2. The figures in the parentheses are for the PY08QN2(-Y1).	① ④ ⑤ ⑧ ⑨ ⑫ ⑬ ⑭ (Bottom View)	
PY08-02 * The structure does not resist flux. Manual soldering is recommended for this product. 		
PY11 **PY11-Y1**  *The PY11-Y1 includes the part outlined by the dashed lines above.		
PY11QN **PY11QN2** **PY11QN-Y1** **PY11QN2-Y1**  *1. The PY11QN(2)-Y1 includes the part outlined by the dashed lines above. *2. The figures in the parentheses are for the PY11QN2(-Y1).	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ (Bottom View)	
PY11-02 * The structure does not resist flux. Manual soldering is recommended for this product. 		

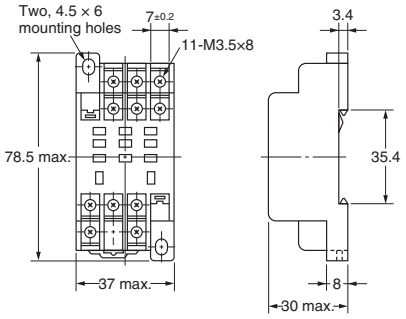
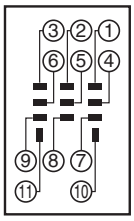
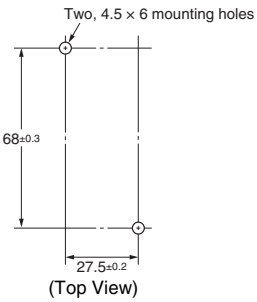
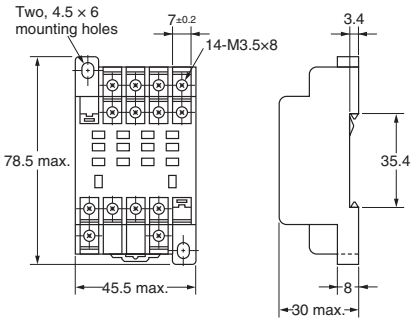
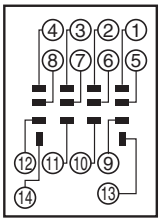
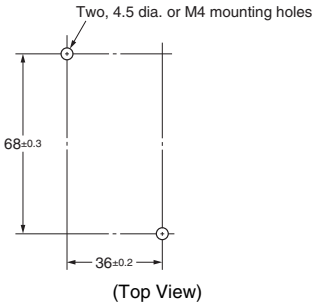
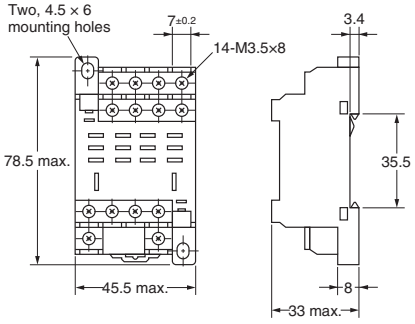
Dimensions	Terminal Arrangement/ Internal Connections	Mounting hole and PCB dimensions
PY14 **PY14-Y1** (L = 42 max.) **PY14-Y3** (L = 60 max.)  *The PY14-Y□ includes the part outlined by the dashed lines above.	 (Bottom View)	
PY14QN **PY14QN2** **PY14QN-Y1** (L = 42 max.) **PY14QN2-Y1** (L = 42 max.) **PY14QN-Y3** (L = 60 max.) **PY14QN2-Y3** (L = 60 max.)  *1. The PY14QN-Y□ and PY14QN2-Y□ include the part outlined by the dashed lines above. *2. The figures in the parentheses are for the PY14QN2(-Y□).		
PY14-02 * The structure does not resist flux. Manual soldering is recommended for this product. 		

Note: 1. Use a panel with a thickness of 1 to 2 mm when mounting a Socket on it.
2. You can use the PY14-Y1 or PY14QN-Y1 for the MY4 Series, MY4H, MYQ4(Z), or MY2K.
3. You can use the PY14-Y3 or PY14QN-Y3 for H3Y Timers.

PTF

(Unit: mm)

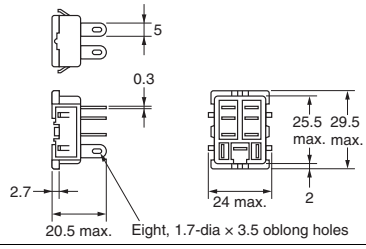
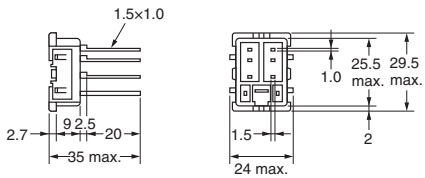
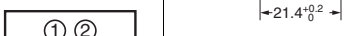
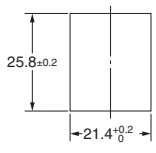
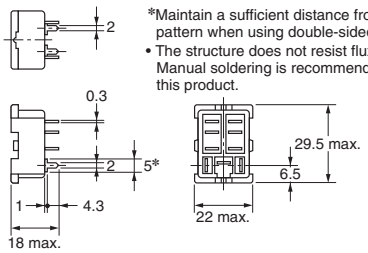
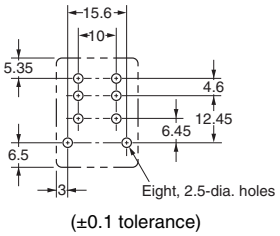
Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
PTF08A 	 (Top View)	 (Top View)
PTF08A-E (Finger Protection Structure) 		**Note:** Track mounting is also possible. Refer to page 27.

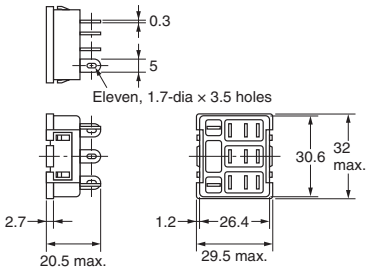
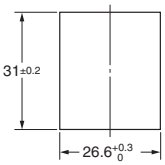
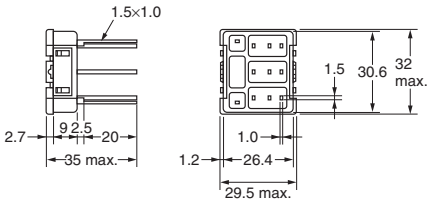
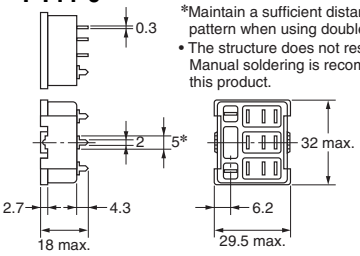
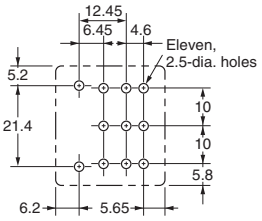
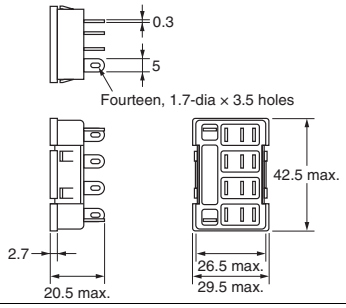
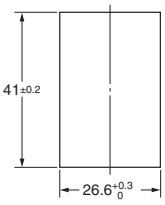
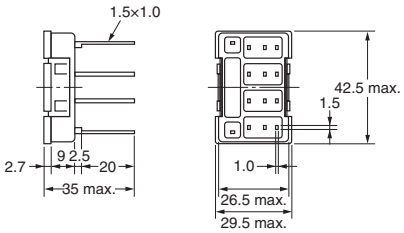
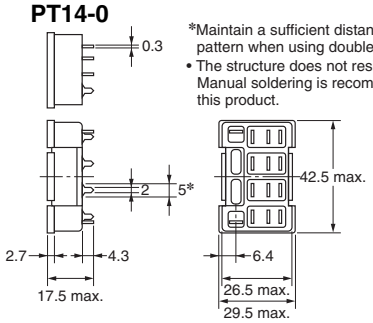
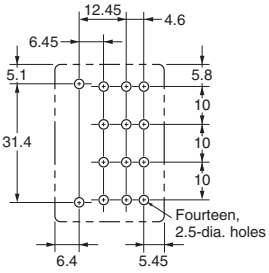
Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
PTF11A 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
PTF14A 	 (Top View)	 (Top View) **Note:** Track mounting is also possible. Refer to page 27.
PTF14A-E (Finger Protection Structure) 		

Note: If you use the PTF08A, PTF08A-E, or PT08 with an LY1 Relay, connect the following terminal pairs: 1-2, 3-4, and 5-6 (for usage at 10 A or higher).

PT

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting hole and PCB dimensions
PT08  **PT08QN** 	 (Bottom View)	
PT08-0  *Maintain a sufficient distance from the pattern when using double-sided PCBs. • The structure does not resist flux. Manual soldering is recommended for this product.		 (±0.1 tolerance)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting hole and PCB dimensions
PT11 	⑩ ⑦ ④ ① ⑧ ⑤ ② ⑪ ⑨ ⑥ ③ (Bottom View)	
PT11QN 		
PT11-0  *Maintain a sufficient distance from the pattern when using double-sided PCBs. • The structure does not resist flux. Manual soldering is recommended for this product.		 (±0.1 tolerance)
PT14 	⑬ ⑨ ⑤ ① ⑩ ⑥ ② ⑪ ⑦ ③ ⑭ ⑫ ⑧ ④ (Bottom View)	
PT14QN 		
PT14-0  *Maintain a sufficient distance from the pattern when using double-sided PCBs. • The structure does not resist flux. Manual soldering is recommended for this product.		 (±0.1 tolerance)

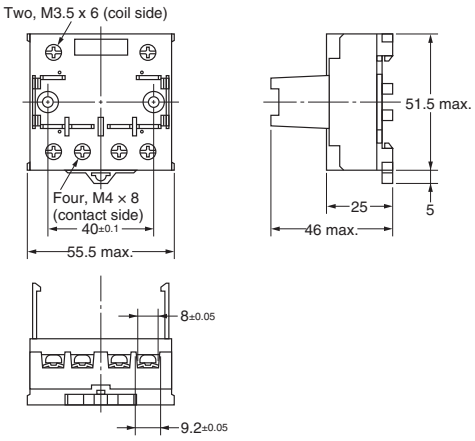
Note: Use a panel with a thickness of 1 to 2 mm when mounting a Socket on it.

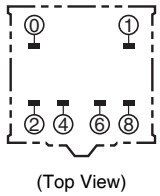
P7LF

(Unit: mm)

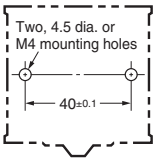
Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions

P7LF-06





(Top View)

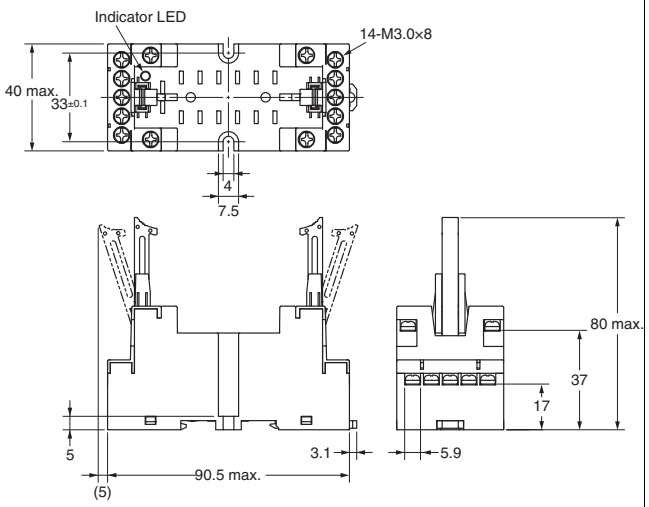


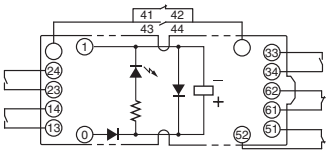
P7S

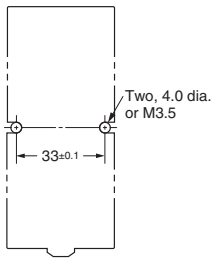
(Unit: mm)

Dimensions	Terminal Arrangement/Internal Connections	Mounting Hole Dimensions

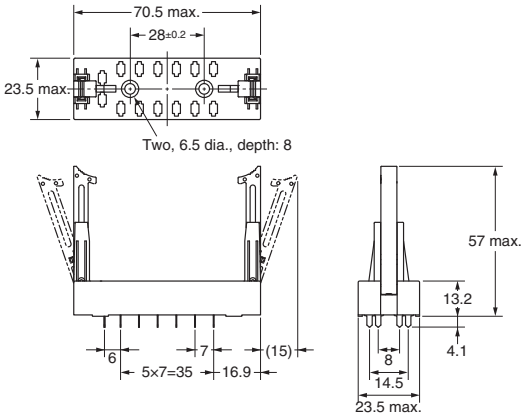
P7S-14F-END



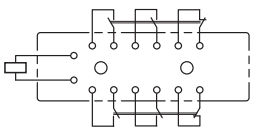




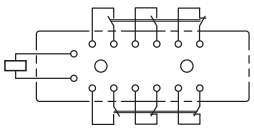
P7S-14P-E

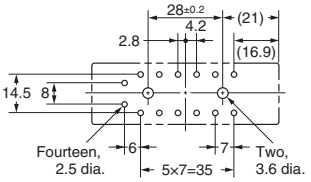


G7S-4A2B-E Mounted



G7S-3A3B-E Mounted



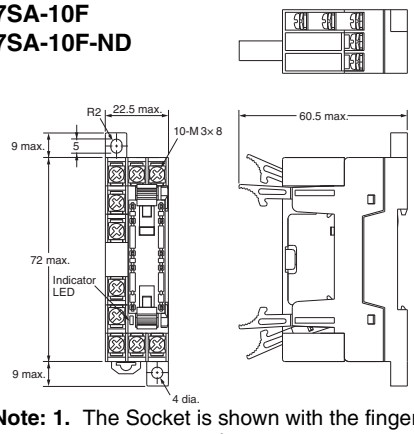


P7SA

(Unit: mm)

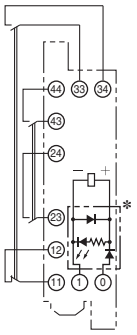
Dimensions	Terminal Arrangement/Internal Connections	Mounting Hole Dimensions

P7SA-10F
P7SA-10F-ND

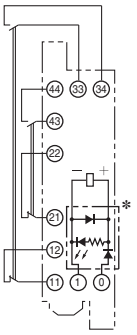


Note: 1. The Socket is shown with the finger cover removed.
2. Only the -ND Sockets have LED indicators (orange).

G7SA-3A1B Mounted

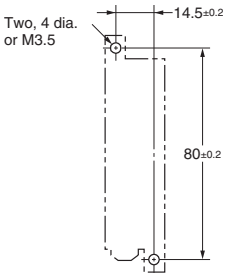


G7SA-2A2B Mounted



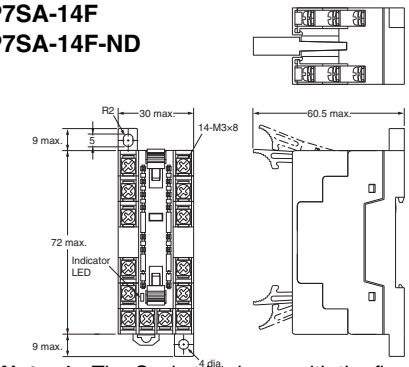
✻ This display circuit is available only for "-ND" models.

Note: Terminals 23-24, 33-34, and 43-44 are normally open. Terminals 11-12 and 21-22 are normally closed.



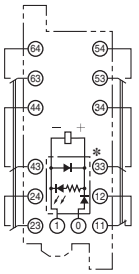
(Top View)

P7SA-14F
P7SA-14F-ND

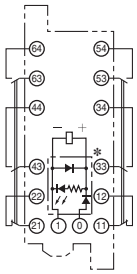


Note: 1. The Socket is shown with the finger cover removed.
2. Only the -ND Sockets have LED indicators (orange).

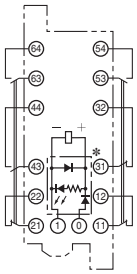
G7SA-5A1B Mounted



G7SA-4A2B Mounted

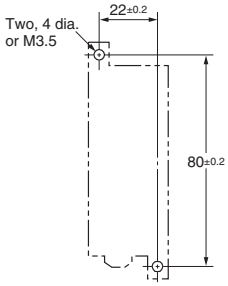


G7SA-3A3B Mounted



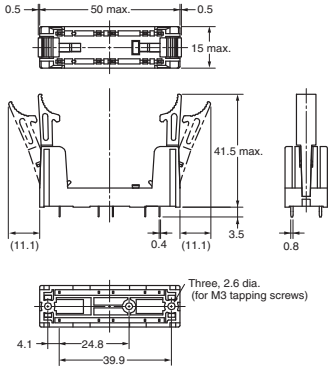
✻ This display circuit is available only for "-ND" models.

Note: Terminals 23-24, 33-34, 43-44, 53-54, and 63-64 are normally open. Terminals 11-12, 21-22, and 31-32 are normally closed.

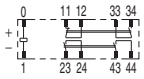


(Top View)

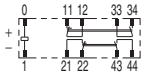
P7SA-10P



G7SA-3A1B Mounted

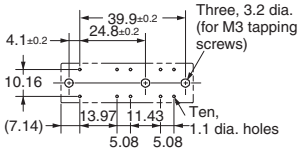


G7SA-2A2B Mounted



(Bottom View)

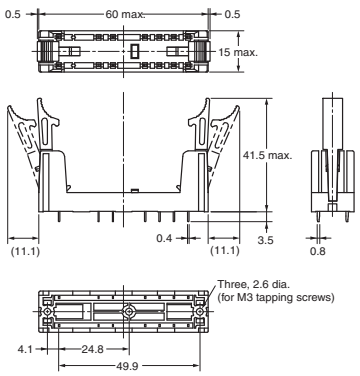
Note: Terminals 23-24, 33-34, and 43-44 are normally open. Terminals 11-12 and 21-22 are normally closed.



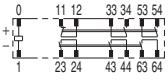
(Bottom View)

(±0.1 tolerance)

P7SA-14P

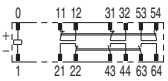


G7SA-5A1B Mounted



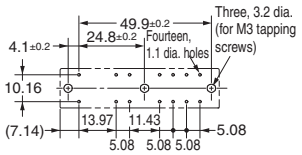
G7SA-4A2B Mounted

G7SA-3A3B Mounted



(Bottom View)

Note: Terminals 23-24, 33-34, 43-44, 53-54, and 63-64 are normally open. Terminals 11-12, 21-22, and 31-32 are normally closed.

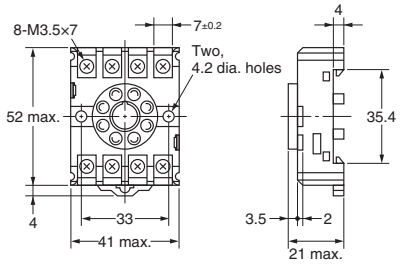
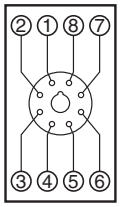
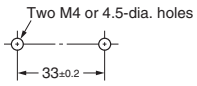
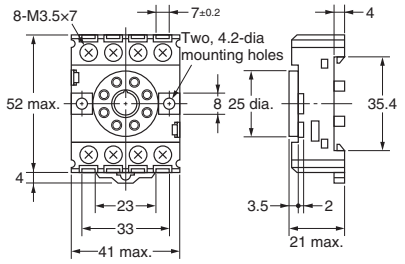
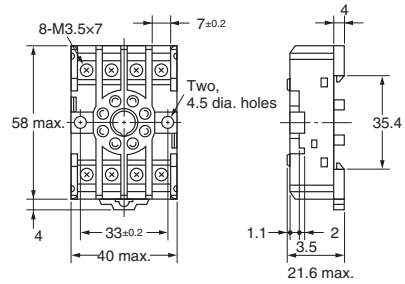
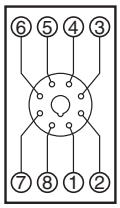
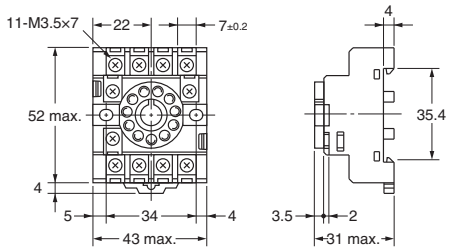
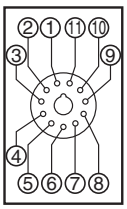
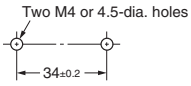
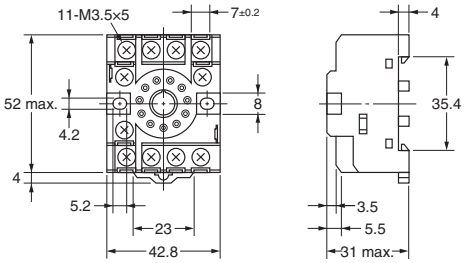


(Bottom View)

(±0.1 tolerance)

PF

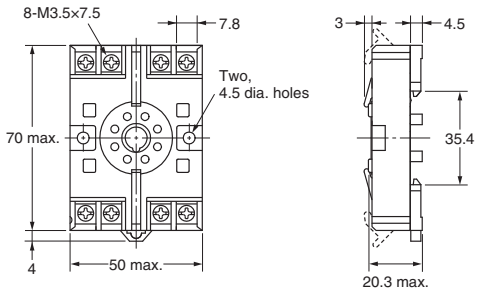
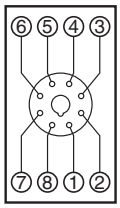
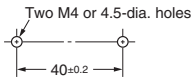
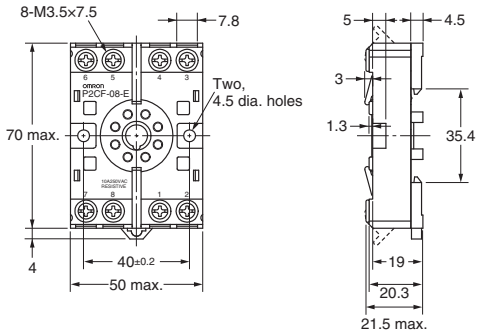
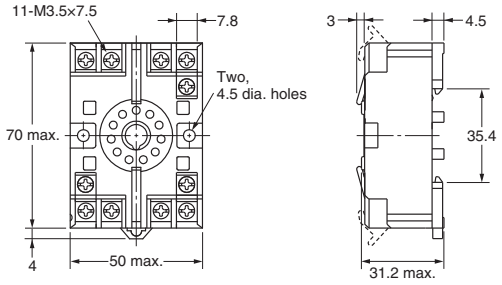
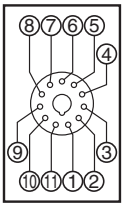
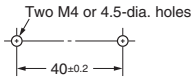
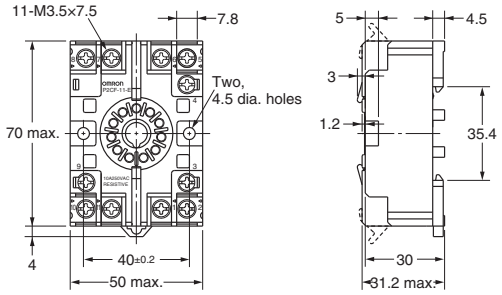
(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
PF083A 	 (Top View)	 **Note:** Track mounting is also possible. Refer to page 27.
PF083A-E 		
PF085A 	 (Top View)	
PF113A 	 (Top View)	 **Note:** Track mounting is also possible. Refer to page 27.
PF113A-E 		

Note: 1. For the PF083A and PF113A, the Socket key slot is on the top. (Applicable model: MK)
2. The structure of □-E models provides finger protection. Round terminals cannot be used. Use forked crimp terminals.

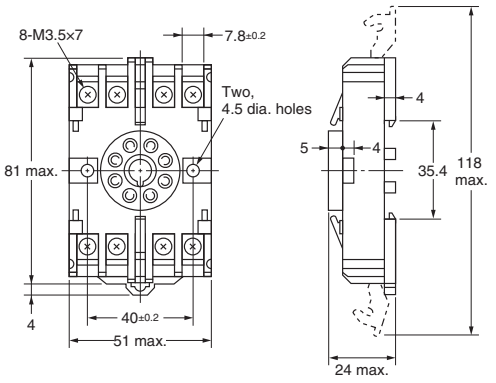
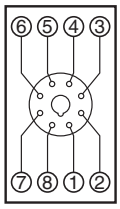
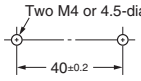
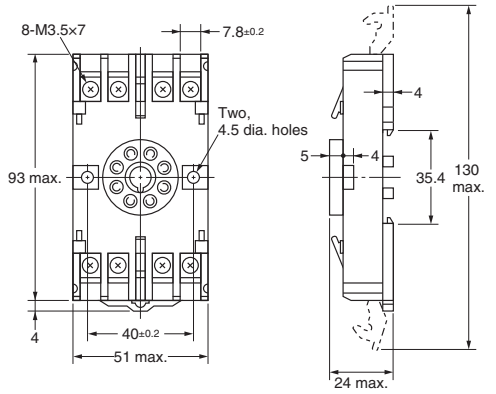
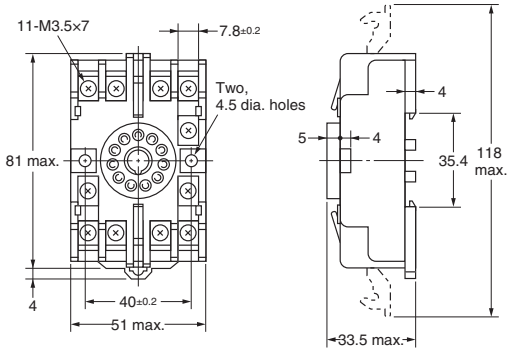
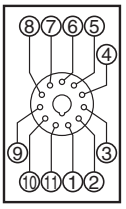
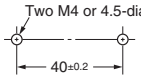
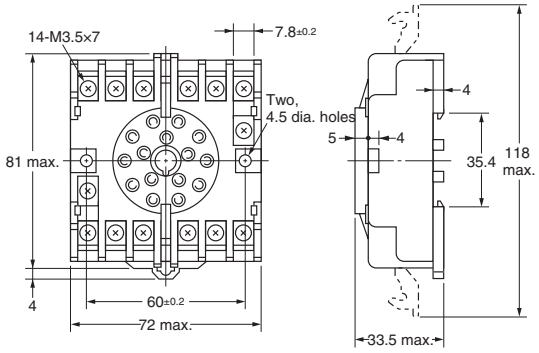
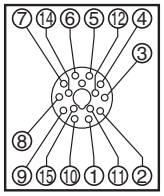
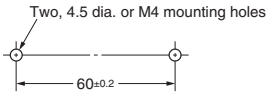
P2CF

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
P2CF-08 	 (Top View)	 **Note:** Track mounting is also possible. Refer to page 27.
P2CF-08-E 		
P2CF-11 	 (Top View)	 **Note:** Track mounting is also possible. Refer to page 27.
P2CF-11-E 		

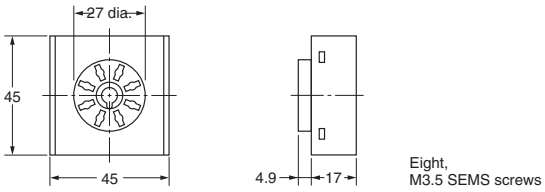
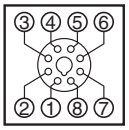
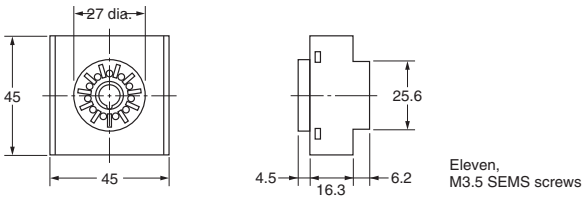
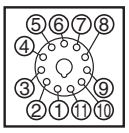
PFA

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
8PFA 	 (Top View)	 **Note:** Track mounting is also possible. Refer to page 27.
8PFA1 		
11PFA 	 (Top View)	 **Note:** Track mounting is also possible. Refer to page 27.
14PFA 	 (Top View)	 **Note:** Track mounting is also possible. Refer to page 27.

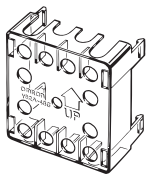
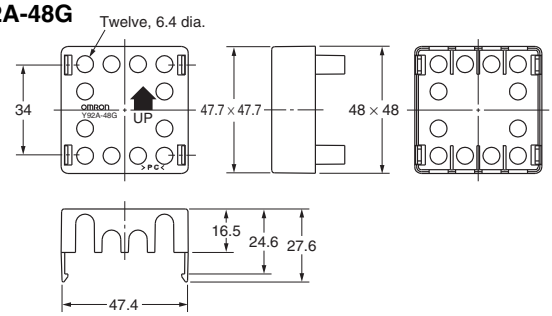
P3G/P3GA

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting Hole Dimensions
P3G-08  **Note:** The Y92A-48G Terminal Cover can be used to implement finger protection.	 (Bottom View)	---
P3GA-11  **Note:** The Y92A-48G Terminal Cover can be used to implement finger protection.	 (Bottom View)	---

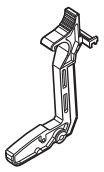
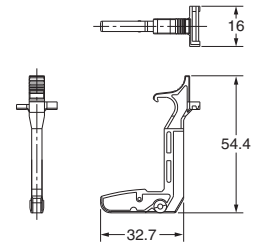
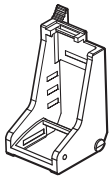
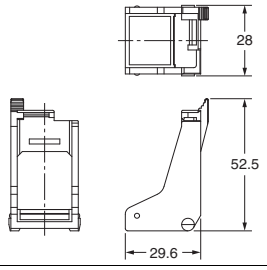
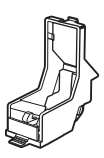
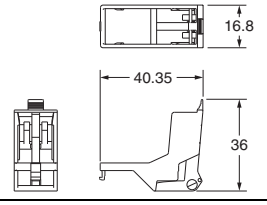
Terminal Cover

(Unit: mm)

Appearance	Dimensions
	**Y92A-48G** 

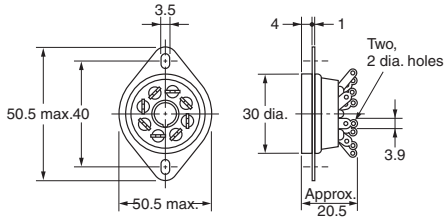
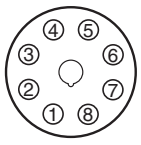
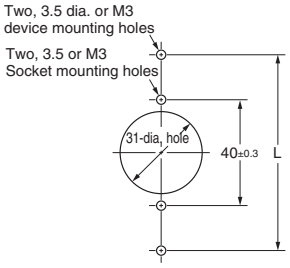
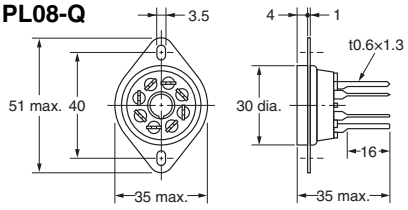
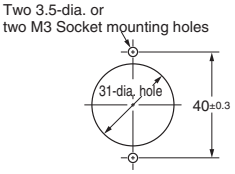
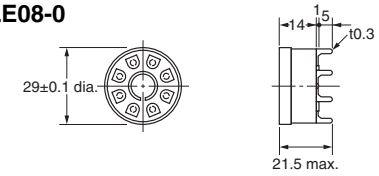
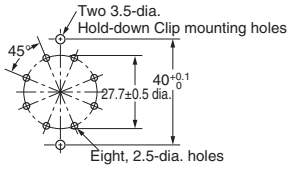
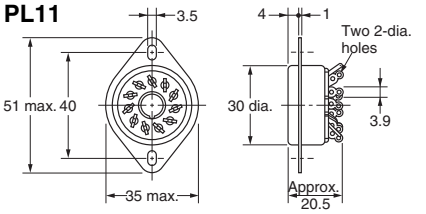
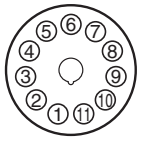
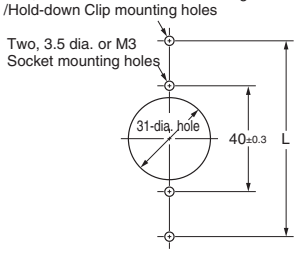
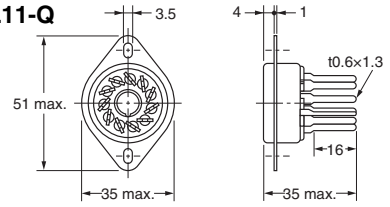
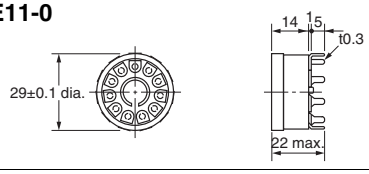
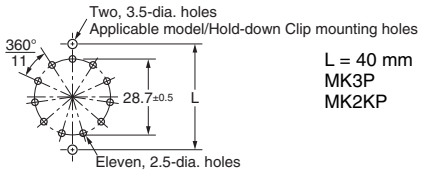
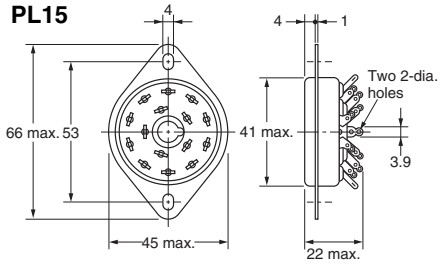
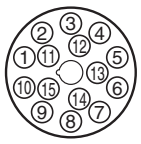
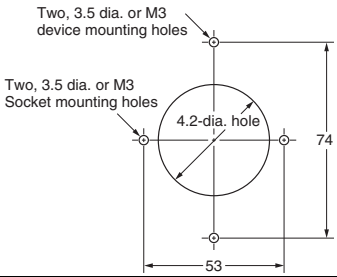
Release Lever

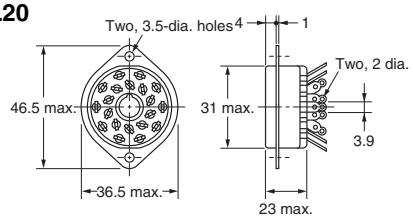
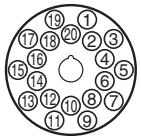
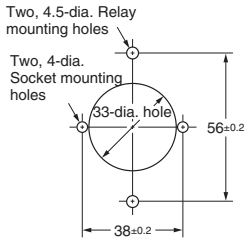
(Unit: mm)

Applicable models	Appearance	Dimensions	Model
PYF08S		 	**PYCM-08S**
PYF14S		 	**PYCM-14S**
P2RF-05-S **P2RF-08-S**		 	**P2CM-S**

PL

(Unit: mm)

Dimensions	Terminal Arrangement/ Internal Connections	Mounting hole and PCB dimensions (bottom view)
PL08 	 (Bottom View)	 L = 40 mm MK2(Z)P L = 74 mm PU, AMD-S, MM2(X)P, CZ, STP, H3L, TDS, DTS, DSP, TDF, TDV L = 86 mm 61F-GP/-APN, G4Q-212S, RD2P, RDA, TDA, AGF, SE, SAD, K2CU, SDV-F
PL08-Q 		 MK2(Z)P
PLE08-0 		 MK2(Z)P
PL11 	 (Bottom View)	 L = 40 mm MK3P MK2KP L = 74 mm MM3P MK2(X)KP L = 42 mm MK3ZP MK3LP
PL11-Q 		
PLE11-0 		 L = 40 mm MK3P MK2KP L = 42 mm MK3ZP MK3LP
PL15 	 (Bottom View)	 MM3XP MM4(X)P MM3(X)KP MM4(X)KP

Dimensions	Terminal Arrangement/ Internal Connections	Mounting hole and PCB dimensions (bottom view)
PL20 		 ✻ Relay mounting holes are not required for the LDNP.

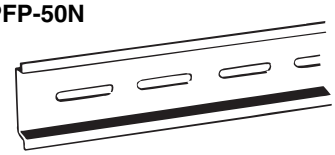
Note: When mounting, pay due attention to the direction of the key groove of applicable Relays.

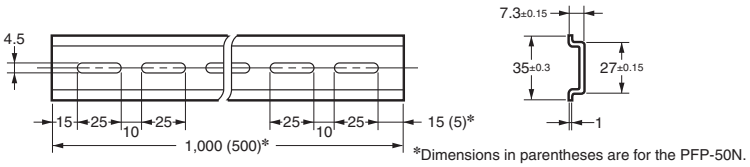
Accessories for DIN Track Mounting (Order Separately)

(Unit: mm)

DIN Tracks

PFP-100N
PFP-50N



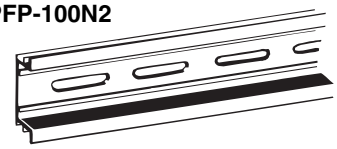


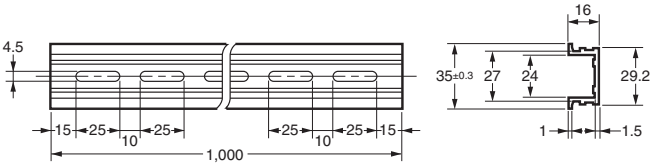
*Dimensions in parentheses are for the PFP-50N.

Model
PFP-100N
PFP-50N

DIN Track

PFP-100N2

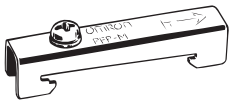


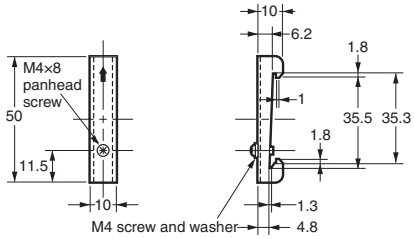


Model
PFP-100N2

End Plate

PFP-M

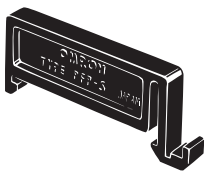


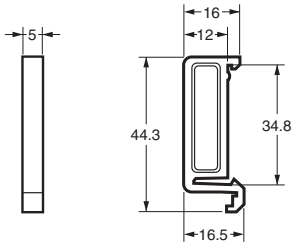


Model
PFP-M

Spacer

PFP-S



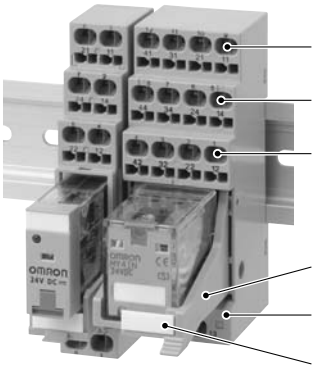


Model
PFP-S

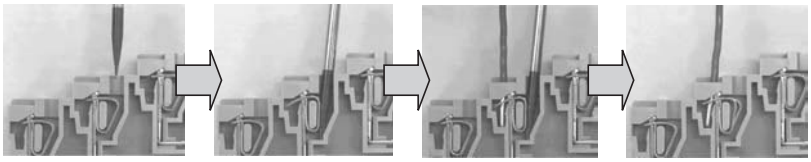
Note: 1. Order the above products in multiples of 10.
2. The Tracks conform to DIN standards.

Features of Screwless Sockets

Structured for Easy Wiring



Complete Wiring in Three Steps



Insert a screwdriver. | Screwdriver inserted. | Insert the wire. | Remove screwdriver to complete wiring.

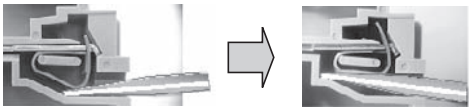
- A spring holds the wire in place to reduce wiring work by 30% (according to OMRON comparison) and eliminates the need to manage torque.
- DIN terminal numbers also indicated.

Safety Precautions

Precautions for Safe Use

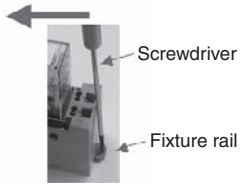
- Do not move the screwdriver up, down, or from side to side or rotate it while it is inserted in the hole. Doing so may damage internal components in the Socket.

- Do not insert more than one wire into the same hole. Doing so may cause abnormal heating.
- There are two internally connected wiring holes for each terminal.
- Insert the screwdriver along the hole wall as shown below.

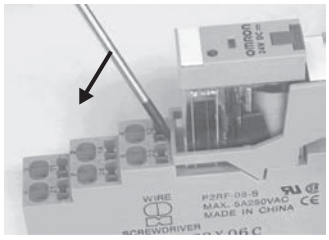


Screwdriver

- When you remove a Socket from a support rail, insert the end of a screwdriver into the fixture and move the driver as shown by the arrow in the following figure.



- When you use a Release Lever to remove a Relay from a P2RF-□□-S Socket, insert a screwdriver at the location shown in the following figure and move the Release Lever in the direction indicated by the arrow to release the lock on the release lever.



Precautions for Correct Use

Wiring Tools

Applicable Screwdriver

Use a flat-blade screwdriver with a tip that is 2.5 mm wide (3.0 mm max.).

2.5 mm (3.0 mm max.)

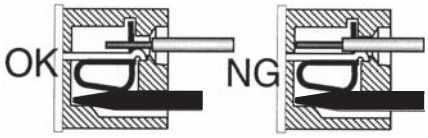
You cannot use a screwdriver with a thick shaft.

Applicable Screwdriver (Example)
VESSEL No.9900 – (–) 2.5 × 75

Applicable Wires

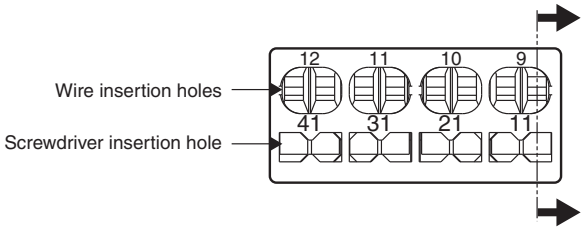
- You can use either solid wires or stranded wires. Applicable wire size: 0.2 to 1.5 mm^2 (AWG24 to AWG16)
- Strip 8 to 9 mm of insulation from the ends of the wires.

- If you insert stranded wires without ferrules, make sure that the wires are twisted when you insert them.
- If you use bare ferrules, always attach insulating sleeves.
- If you insert a wire with a sheath outer diameter of 2.2 mm or less, do not insert the wire far enough so that the sheath is engaged inside the hole, as shown below.

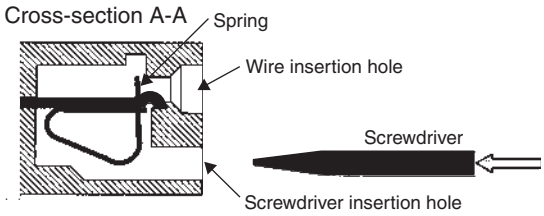


- Two wires with a sheath outer diameter of 3.2 mm or larger cannot be inserted for the same terminal at the same time.
- Use heat-shrinking tubes to indicate wire numbers.

Wiring

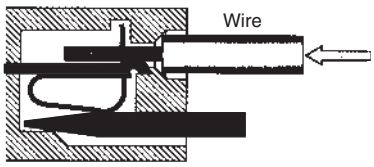


(1) Insert a screwdriver into a screwdriver insertion hole on the Socket.

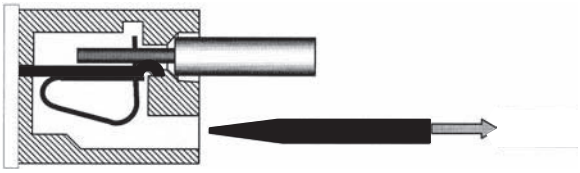


(2) Press the screwdriver in until it reaches the stopper inside the Socket. The spring at the back of the wire insertion hole will be complete open in this condition. The screwdriver will be held in place even if you remove your hand.

(3) With the screwdriver held in place, insert the wire or ferrule into the wire insertion hole.



(4) Remove the screwdriver. The spring will hold the wire. This concludes the connection procedure.



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