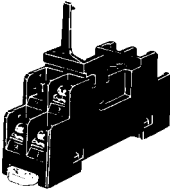
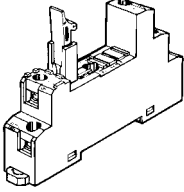
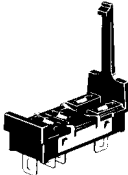
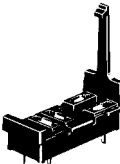
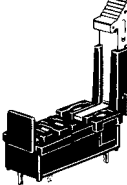
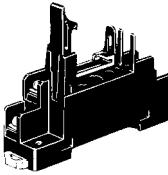
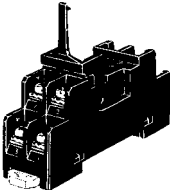
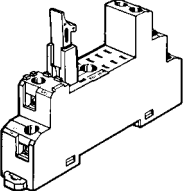
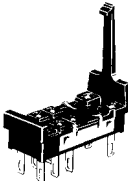
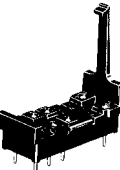
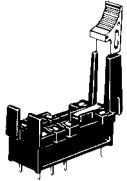


General-purpose Relays and Power Relays

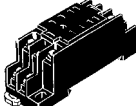
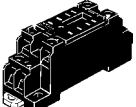
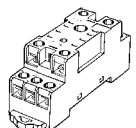
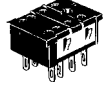
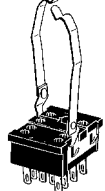
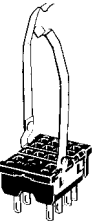
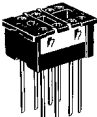
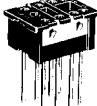
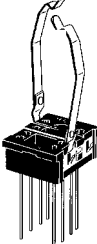

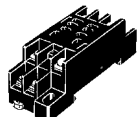
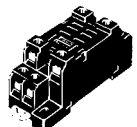


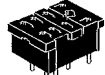
Sockets

Square Sockets

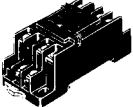

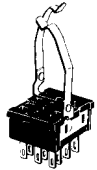

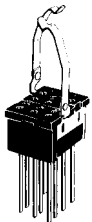

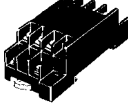
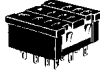
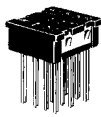
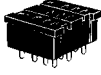
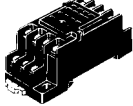

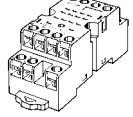
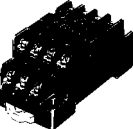

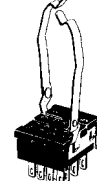
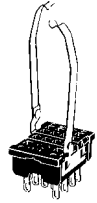
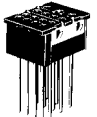
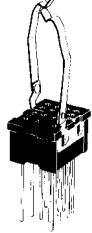

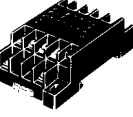
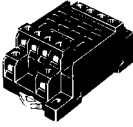



Item	P2RF (Track-mounting) *see page 246		P2R *see page 248			P7TF (Track-mounting) *see page 249
	Screw terminal		Solder terminal	PCB terminal		Screw terminal
5 pins	P2RF-05 Approx. 27 g 	P2RF-05-E Approx. 38 g 	P2R-05A Approx. 5 g 	P2R-05P Approx. 5 g 	P2R-057P Approx. 5.5 g 	P7TF-05 Approx. 28 g 
8 pins	P2RF-08 Approx. 33 g 	P2RF-08-E Approx. 38 g 	P2R-08A Approx. 5 g 	P2R-08P Approx. 5 g 	P2R-087P Approx. 5.5 g 	---

Note: □-E Models are of finger-protect construction. Round terminals cannot be used. Use Y-shaped terminals.

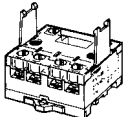
Square Sockets

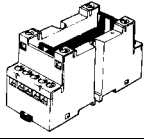


Item	PYF (Track-mounting) *see page 250	PY (back-connecting) *see page 252			PTF (Track-mounting) *see page 253	PT (back-connecting) *see page 255		
	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal
8 pins	PYF08A Approx. 32 g  PYF08A-E  PYF08A-N 	PY08 Approx. 8 g  PY08-Y1  PY08-Y3 	PYQ08QN Approx. 12 g  PYQ08QN2  PYQ08QN-Y1 PYQ08QN2-Y1 	PY08-02 Approx. 7.2 g 	PTF08A Approx. 39 g  PTF08A-E 	PT08 Approx. 11 g 	PT08QN Approx. 10.4 g 	PT08-0 Approx. 8 g 

Note: □-E and □-N Models are of finger-protect construction. Round terminals cannot be used. Use Y-shaped terminals.

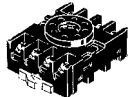



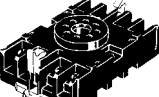
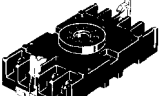

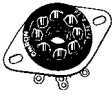
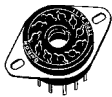













Item	PYF (Track-mounting) *see page 250	PY (back-connecting) *see page 252			PTF (Track-mounting) *see page 253	PT (back-connecting) *see page 255		
	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal
11 pins	PYF11A Approx. 46 g 	PY11 Approx. 9 g  PY11-Y1 	PY11QN PY11QN2  PY11QN-Y1 PY11QN2-Y1 	PY11-02 	PTF11A Approx. 50 g 	PT11 Approx. 13 g 	PT11QN 	PT11-0 Approx. 12.2 g 
14 pins	PYF14A Approx. 49 g  PYF14A-E  PYF14A-N  PYF14T Approx. 53 g 	PY14 Approx. 10 g  PY14-Y1  PY14-Y2 	PY14QN PY14QN2 Approx. 14 g  PY14QN-Y1 PY14QN2-Y1 PY14QN-Y2 PY14QN2-Y2 	PY14-02 	PTF14A Approx. 60 g  PTF14A-E 	PT14 Approx. 17 g 	PT14QN Approx. 20 g 	PT14-0 Approx. 16.2 g 

Note: □-E and □-N Models are of finger-protect construction. Round terminals cannot be used. Use Y-shaped terminals.

Item	P7LF (Track-mounting) *see page 256
	Screw terminal
6 pins	P7LF-06 Approx. 60 g 

Item	P7S *see page 257		
	Screw terminal (Track-mounting)	Solder terminal	PCB terminal
14 pins	P7S-14F Approx. 75 g 	P7S-14A Approx. 10 g 	P7S-14P Approx. 10 g 

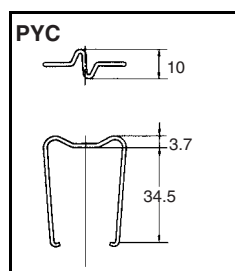
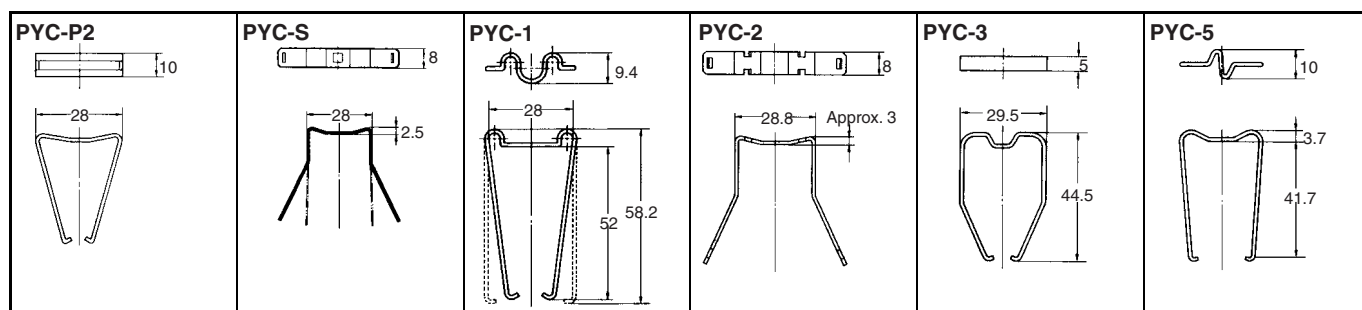
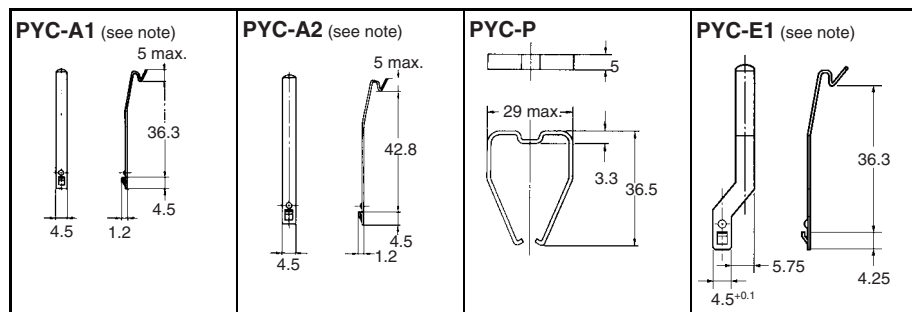
Round Sockets

Item	PF (Track-mounting) *see page 258	P2CF (Track-mounting)	PFA (Track-mounting)	P3G (Track-mounting)	PL (back-connecting) *see page 261		
					Solder terminal	Wrapping terminal	PCB terminal
8 pins	PF083A Approx. 34 g  PF083A-E  PF085A Approx. 40 g 	P2CF-08 Approx. 55 g 	8PFA Approx. 57 g  8PFA1 Approx. 66 g 	P3G-08 Approx. 40 g 	PL08 Approx. 14 g 	PL08-Q Approx. 15 g 	PLE08-0 Approx. 10.6 g 
11 pins	PF113A Approx. 47 g  PF113A-E 	P2CF-11 Approx. 70 g 	11PFA Approx. 74 g 	P3GA-11 (see note) Approx. 47 g 	PL11 Approx. 15 g 	PL11-Q Approx. 18.5 g 	PLE11-0 Approx. 10.8 g 
14 pins	---	---	14PFA Approx. 104 g 	---	PL15 Approx. 28 g 	---	---
20 pins	PF202 Approx. 170 g 	---	---	---	PL20 Approx. 17 g 	---	---

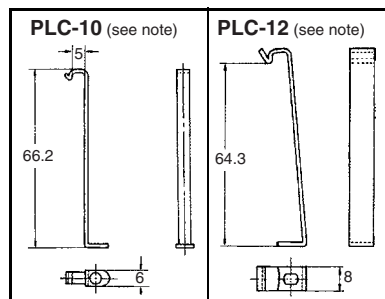
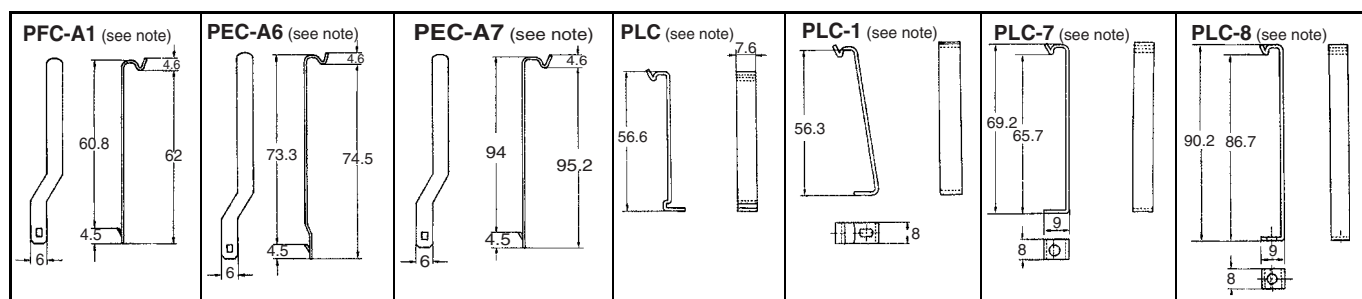
Note: This model succeeds the P3G-11 for which production was stopped in March 1991.

■ Hold-down Clips

For Square Sockets



For Round Sockets



Note: There are 2 pieces per set.

■ Models Used with Sockets

Group	Model	Pin No.	Socket	
			Front-connecting	Back-connecting
MY(K)	MY2	8	PYF	PY
	MY3	11		
	MY4, MY2K	14		
LY	LY1, LY2	8	PTF	PT
	LY3	11		
	LY4	14		
G2A(K)	G2A, G2A-434, G2AK	14	PYF	PY
MK(K)	MK2P	8	PF083A(-E)	PL
	MK3P, MK2KP	11	PF113A(-E)	
MM(K)	MM2(X)P	8	8PFA	
	MM3P, MM2(X)KP	11	PFA	
	MM3XP, MM3(X)KP, MM4(X)P, MM4(X)KP	14		
G4Q	---	8	8PFA1	
G7L	G7L-□A-T(J)	6	P7LF	---

■ Models Used with Hold-down Clips

Square Sockets

Item	PYF□A(-E, -N), PTF□A(-E)	PY□(QN), PT□(QN)	PY□-02, PT□-0
MY(), MY()N, MY()N-D2, MY()N-CR, MY2K, LY(), LY()N, G3H, G3F, G3FD, G3FM	PYC-A1	PYC-P, PYC-S	PYC-P
MY4IN		PYC-P, PYC-P2	PYC-P, PYC-P2
MY2IN	PYC-E1	PYC-P2	PYC-P2
LY()-CR	Y92H-3	PYC-1	PYC-1
G2A(K) Series	PYC-A2	PYC-2, PYC-3, PYC-5	PYC-3, PYC-5

Note: Pin numbers 08, 11, or 14 apply to □.

Round Sockets

Item	PF083A, PF113A	PL08(-Q), PL11(-Q)	PLE08-0, PLE11-0
MK2P Series, MK2KP, MK3P□ (-US), G3B	PFC-A1	PLC	PLC-10
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	---

Note: 1. 8PFA(I), 11PFA, and 14PFA has hooks that can hold a Relay.

2. PL15, PL20, PF202, and Sockets that are not listed in the above table should be mounted to a panel after opening mounting holes on the panel.
3. A Hold-down Clip for PF085A is sold together with Relays that can be used with PF085A.

■ Socket Performance Characteristics

Item	Carry current	Dielectric strength	Insulation resistance (see note 2)
P2RF-05(-E)	10 A	Between contacts of same polarity: 1,000 VAC for 1 min Between coil and contact: 4,000 VAC for 1 min	1,000 MΩ min.
P2RF-08(-E)	5 A	Between contact of different polarity: 3,000 VAC for 1 min Between contacts of same polarity: 1,000 VAC for 1 min Between coil and contact: 4,000 VAC for 1 min	1,000 MΩ min.
P2R-057P	10 A	Between contacts of same polarity: 1,000 VAC for 1 min Between coil and contact: 5,000 VAC for 1 min	1,000 MΩ min.
P2R-087P	5 A	Between contact of different polarity: 3,000 VAC for 1 min Between contacts of same polarity: 1,000 VAC for 1 min Between coil and contact: 5,000 VAC for 1 min	1,000 MΩ min.
P2R-05A	10 A	Between contacts of same polarity: 1,000 VAC for 1 min Between ground terminal and other terminals: 1,500 VAC for 1 min Between coil and contact: 4,000 VAC for 1 min	1,000 MΩ min.
P2R-08A	5 A	Between contact of different polarity: 3,000 VAC for 1 min Between contacts of same polarity: 1,000 VAC for 1 min Between ground terminal and other terminals: 1,500 VAC for 1 min Between coil and contact: 4,000 VAC for 1 min	1,000 MΩ min.
P7TF-05	5 A	Between terminals: 2,000 VAC for 1 min	100 MΩ min.
PYF08A-E	7 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.
PYF08A-N	7 A (see note 3)	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.
PYF11A	5 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.
PYF14A-E	5 A	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.
PYF14A-N	5 A (see note 3)	Between terminals: 2,000 VAC for 1 min	1,000 MΩ min.
PY08(-Y1)	7 A	Between terminals: 1,500 VAC for 1 min	100 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	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.

Item	Carry current	Dielectric strength	Insulation resistance (see note 2)
P7LF-06	30 A	Between contact of different polarity: 2,000 VAC for 1 min Between contacts of same polarity: 2,000 VAC for 1 min Between coil and contact: 4,000 VAC for 1 min	1,000 MΩ 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 contacts of same polarity: 1,000 VAC for 1 min Between coil and contact: 3,000 VAC for 1 min	100 MΩ min.
P7S-14□	6 A	Between terminals: 2,500 VAC for 1 min Between ground terminal and other terminals (P7S-14A): 2,000 VAC for 1 min	100 MΩ min.

Note: 1. The values given above are initial values.

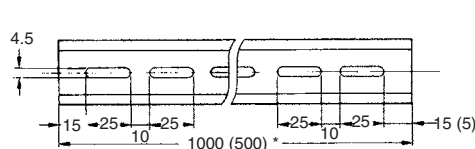
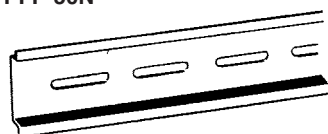
2. The values for insulation resistance were measured at 500 V at the same place as the dielectric strength.

3. The maximum operating ambient temperature for the PYF08A-N and PYF14A-N is 55°C. When using the PYF08A-N or PYF14A-N at an operating ambient temperature exceeding 40°C, reduce the current to 60%.

Track and Accessories

Mounting Track

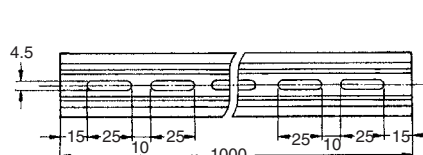
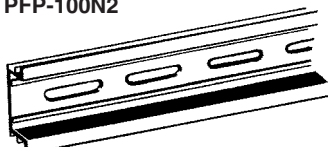
PFP-100N
PFP-50N



Note: The figure in the parentheses is for PFP-50N.

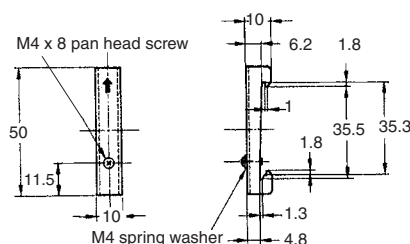
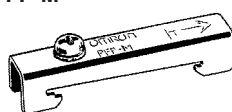
Mounting Track

PFP-100N2



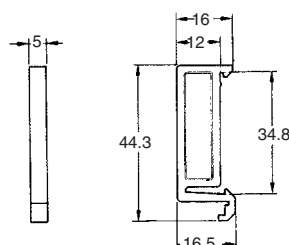
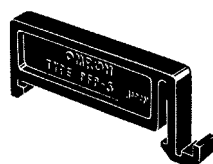
End Plate

PFP-M



Spacer

PFP-S



Dimensions

Note: All units are in millimeters unless otherwise indicated.

■ P2RF

Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes (top view)
P2RF-05 (One pole)		<p>Note: Track-mounting is also possible.</p>
P2RF-05-E (One pole) <p>* When mounted on H3RN-1□.</p>	<p>Note: Figures in parentheses are DIN standard numbers.</p>	<p>Note: Track-mounting is also possible.</p>
P2RF-08 (Two poles)		<p>Note: Track-mounting is also possible.</p>

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
<p>P2RF-08-E (Two poles)</p> <p>* When mounted on H3RN-2□.</p>	<p>Note: Figures in parentheses are DIN standard numbers.</p>	<p>Note: Track-mounting is also possible.</p>

Note: When indicator modules with an I/O SSR are used, the No. 1 pin becomes positive.

■ P2R

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes (bottom view)
P2R-05P (One pole) <p>Technical drawings showing front, side, and bottom views of the P2R-05P socket. Dimensions include: 14.5 max. (width), 35.5 max. (height), 7 (terminal width), 4 (terminal pitch), 1.2 (terminal thickness), 3.5 (terminal length), 1.5 (base thickness), 4 (terminal length), 7 (terminal length), and 36.5 max. (total length).</p>	<p>Diagram showing the terminal arrangement for the P2R-05P socket. The terminals are numbered 1 through 5 in a 2x3 grid, with terminal 1 at the bottom left and terminal 5 at the top right.</p>	<p>Diagram showing the mounting holes for the P2R-05P socket. It features five 1.6-dia. holes arranged in a 2x3 grid. Dimensions include: 4 (hole pitch), 6 (hole pitch), 4.5 (hole pitch), 15 (total height), 4 (total width), and 7 (total width).</p>
P2R-08P (Two poles) <p>Technical drawings showing front, side, and bottom views of the P2R-08P socket. Dimensions include: 14.5 max. (width), 35.5 max. (height), 7 (terminal width), 4 (terminal pitch), 0.3 (terminal thickness), 5 (terminal length), 5 (terminal length), 2.8 (terminal length), 1.5 (base thickness), 7.5 (terminal length), and 36.5 max. (total length).</p>	<p>Diagram showing the terminal arrangement for the P2R-08P socket. The terminals are numbered 1 through 8 in a 2x4 grid, with terminal 1 at the bottom left and terminal 8 at the top right.</p>	<p>Diagram showing the mounting holes for the P2R-08P socket. It features eight 1.3-dia. holes arranged in a 2x4 grid. Dimensions include: 7.5 (hole pitch), 5 (hole pitch), 5 (hole pitch), 20 (total height), 4.3 (total width), and 7.5 (total width).</p>
P2R-057P (One pole) <p>Technical drawings showing front, side, and bottom views of the P2R-057P socket. Dimensions include: 14 max. (width), 0.7 (terminal width), 8.7 (terminal pitch), 37 max. (height), 29.6 (terminal length), 8.7 (terminal length), 16.4 (terminal length), 10.4 (terminal length), 7.4 (terminal length), and 41 max. (total length).</p>	<p>Diagram showing the terminal arrangement for the P2R-057P socket. The terminals are numbered 1 through 5 in a 2x3 grid, with terminal 1 at the bottom left and terminal 5 at the top right.</p>	<p>Diagram showing the mounting holes for the P2R-057P socket. It features five 1.6-dia. holes arranged in a 2x3 grid. Dimensions include: 4±0.1 (hole pitch), 6±0.1 (hole pitch), 4.5±0.1 (hole pitch), 15±0.1 (total height), 4±0.1 (total width), 5 (total width), and 7±0.1 (total width).</p>
P2R-087P (Two poles) <p>Technical drawings showing front, side, and bottom views of the P2R-087P socket. Dimensions include: 14 max. (width), 7.5 (terminal width), 37 max. (height), 29.1 (terminal length), 8.9 (terminal length), 16.4 (terminal length), 10.4 (terminal length), 7.4 (terminal length), and 41 max. (total length).</p>	<p>Diagram showing the terminal arrangement for the P2R-087P socket. The terminals are numbered 1 through 8 in a 2x4 grid, with terminal 1 at the bottom left and terminal 8 at the top right.</p>	<p>Diagram showing the mounting holes for the P2R-087P socket. It features eight 1.3-dia. holes arranged in a 2x4 grid. Dimensions include: 7.5 (hole pitch), 5 (hole pitch), 5 (hole pitch), 20 (total height), 8.1 (total width), and 7.5 (total width).</p>

Note: When indicator modules with an I/O SSR are used, the No. 1 pin becomes positive.

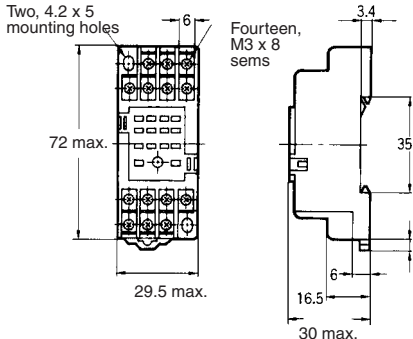
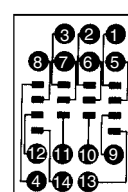
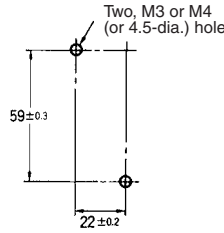
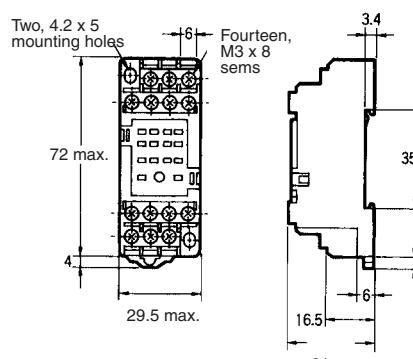
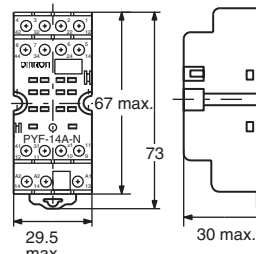
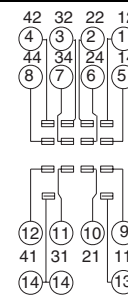
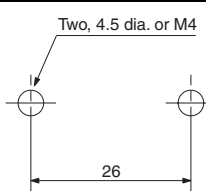
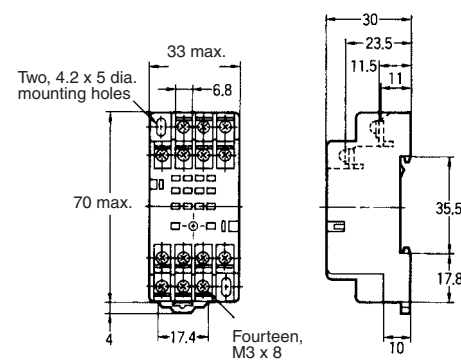
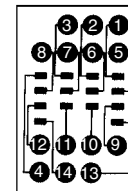
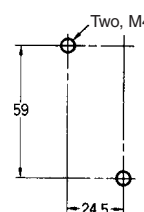
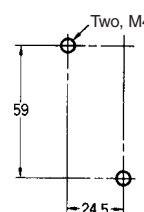
■ P2R/P7TF

Dimensions	Terminal arrangement/ Internal connections	Mounting holes
<p>P2R-05A (One pole)</p> <p>14.5 max. 35.5 max. 7 5 1.2 0.3 6.7 3.8 16.7 Five, 3 x 1.8-dia. holes 6 36.5 max.</p>	<p>(Bottom view)</p>	<p>13.6±0.1 30.5^{+0.2}₀</p> <p>Use panel with thickness of 1.6 to 2.0 mm.</p>
<p>P2R-08A (Two poles)</p> <p>14.5 max. 35.5 max. 7.5 6.5 1.2 0.3 5 5 20 2.6 2.8 Eight, 3 x 1.2-dia. holes 1.5 7.5 36.5 max.</p>	<p>(Bottom view)</p>	<p>13.6±0.1 30.5^{+0.2}₀</p> <p>Use panel with thickness of 1.6 to 2.0 mm.</p>
<p>P7TF-05</p> <p>19 max. 7 Screw with square washer 71.5 max. 4 12.5±0.2 35.5 9 19.5 59 max.</p>	<p>(Top view)</p>	<p>12.5±0.2 62±0.1 Two, 3.0 dia.</p> <p>Note: Track-mounting is also possible.</p>

Note: When indicator modules with an I/O SSR are used, the No. 1 pin becomes positive.

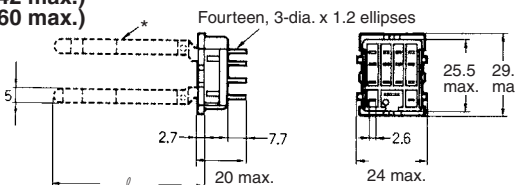
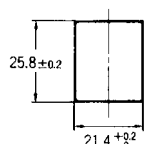
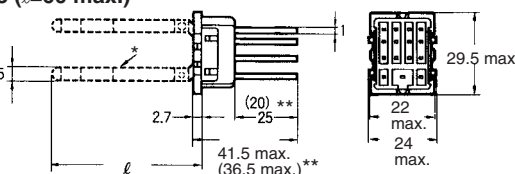
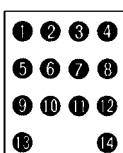
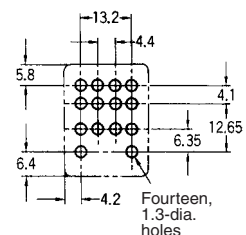
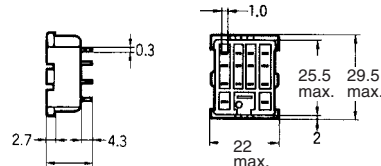
■ PYF Dimensions

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
PYF08A		<p>Note: Track-mounting is also possible.</p>
PYF08A-E		<p>Note: Track-mounting is also possible.</p>
PYF08A-N		<p>Note: Track-mounting is also possible. Refer to page 245 for Mounting Tracks.</p>
PYF11A		<p>Note: Track-mounting is also possible.</p>

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
<p>PYF14A</p> 		 <p>Note: Track-mounting is also possible.</p>
<p>PYF14A-E</p> 		<p>Note: Track-mounting is also possible.</p>
<p>PYF14A-N</p> 		 <p>Note: Track-mounting is also possible. Refer to page 245 for Mounting Tracks.</p>
<p>PYF14T</p> 		 <p>Note: Track-mounting is also possible.</p>

■ PY Dimensions

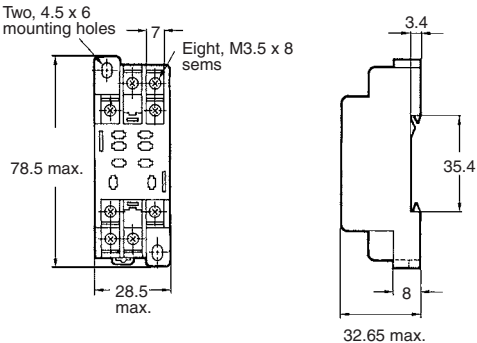
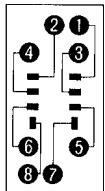
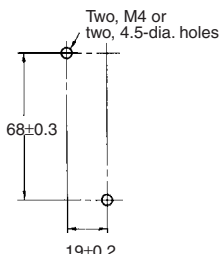
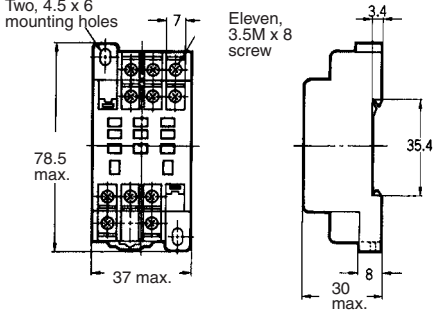
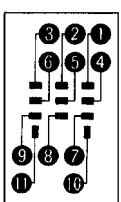
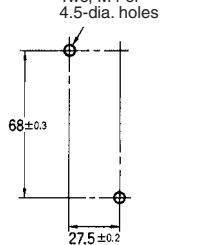
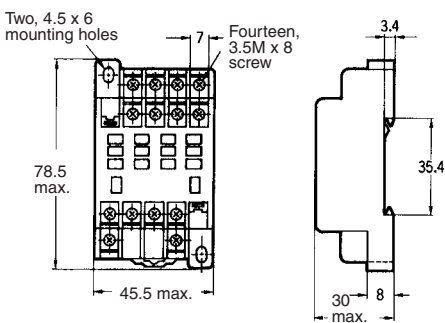
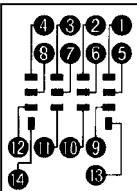
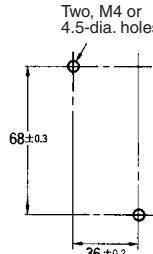
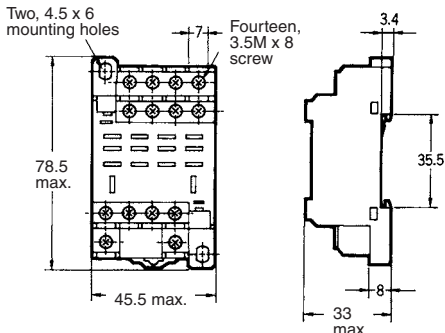
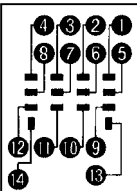
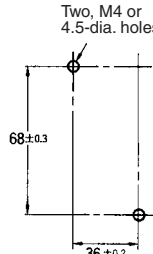
Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
<p>PY08 PY08-Y1 PY08-Y3</p> <p>Note: PY08-Y1 includes the part outlined by the dashed lines above.</p>		
<p>PY08QN PY08QN2 PY08QN-Y1 PY08QN2-Y1</p> <p>Note: 1. PY08QN(2)-Y1 includes the part outlined by the dashed lines above. 2. The figures in the parentheses are for PY08QN2.</p>		
<p>PY08-02</p> <p>Note: PY08-Y1 includes the part outlined by the dashed lines above.</p>		
<p>PY11 PY11-Y1</p> <p>Note: PY11-Y1 includes the part outlined by the dashed lines above.</p>		
<p>PY11QN PY11QN2 PY11QN-Y1 PY11QN2-Y1</p> <p>Note: 1. PY11QN(2)-Y1 includes the part outlined by the dashed lines above. 2. The figures in the parentheses are for PY11QN2 (-Y1).</p>		
<p>PY11-02</p>		

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
<p>PY14 PY14-Y1 ($\ell=42$ max.) PY14-Y3 ($\ell=60$ max.)</p>  <p>Fourteen, 3-dia. x 1.2 ellipses</p> <p>Note: PY14-Y1 includes the part outlined by the dashed lines above.</p>		
<p>PY14QN, PY14QN2 PY14QN-Y1 ($\ell=42$ max.) PY14QN2-Y1 ($\ell=42$ max.) PY14QN-Y2 ($\ell=49$ max.) PY14QN2-Y2 ($\ell=49$ max.) PY14QN-Y3 ($\ell=60$ max.) PY14QN2-Y3 ($\ell=60$ max.)</p>  <p>Note: 1. PY14QN(2)-Y1 includes the part outlined by the dashed lines above. 2. The figures in the parentheses are for PY14QN2 (-Y1).</p>		 <p>Fourteen, 1.3-dia. holes</p>
<p>PY14-02</p> 		

- Note:**
1. Use a panel with a thickness of 1 to 2 mm when mounting a Socket on it.
 2. The PY14-Y1 and the PY14QN-Y1 can be used with MY4-series models and the MY2K.

PTF Dimensions

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
<p>PTF08A</p> <p>Two, 4.5 x 6 mounting holes</p> <p>Eight, 3.5M x 8 screw</p> <p>78.5 max.</p> <p>28.5 max.</p> <p>3.4</p> <p>35.4</p> <p>30 max.</p>		<p>Two, M4 or 4.5-dia. holes</p> <p>68 ± 0.3</p> <p>27.5 ± 0.2</p> <p>Note: Track-mounting is available. See page 245.</p>

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
PTF08A-E 		 <p>Note: Track-mounting is available. See page 245.</p>
PTF11A 		 <p>Note: Track-mounting is available. See page 245.</p>
PTF14A 		
PTF14A-E 		 <p>Note: Track-mounting is available. See page 245.</p>

Note: If PTF08A and PT08 are used in combination with LY1 with a total current flow of 10 A minimum, terminals 1 and 2, 3 and 4, 5 and 6 respectively should be short-circuited.

PT Dimensions

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PT08 PT08QN Eight, 1.7-dia. x 3.5 ellipses		
PT08-0 *Keep a proper distance between the Socket and PCB patterns.		 The tolerance is ± 0.1 .
PT11 PT11QN Eleven, 1.7-dia. x 3.5 holes		
PT11-0 *Keep a proper distance between the Socket and PCB patterns.		 The tolerance is ± 0.1 .

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PT14 PT14QN 		
PT14-0 <p>*Keep a proper distance between the Socket and PCB patterns.</p>		 <p>The tolerance is ± 0.1.</p>

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

■ P7LF Dimensions

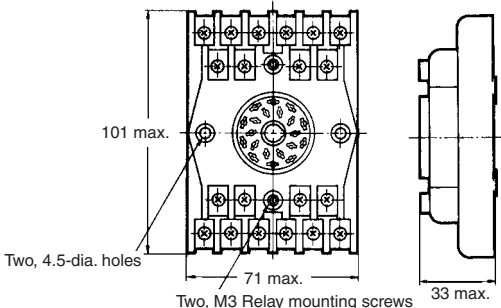
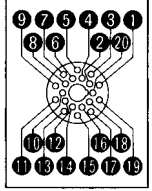
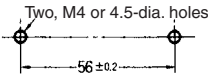
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
P7LF-06 		

■ P7S Dimensions

Dimensions	Terminal arrangement/ Internal connections	Mounting holes
<p>P7S-14F</p> <p>Top view dimensions: 40 max., 33±0.1, 4, 7, 90.5 max., 3.1, 40 max., 5.9, 18, 38, 47 max.</p> <p>Fourteen, M3.0</p>	<p>(top view)</p>	<p>Two, M3.5 or 4.0-dia. holes</p> <p>33±0.1</p>
<p>P7S-14A</p> <p>Top view dimensions: 61.5 max., 23 max., 25, 33 max., 17.7, 10.1, 6, 7, 5×7=35, 12.2, 14.5</p>	<p>G7S-4A2B</p> <p>G7S-3A3B</p> <p>(bottom view)</p>	<p>21^{+0.2}₀</p> <p>57^{+0.2}₀</p>
<p>P7S-14P</p> <p>Top view dimensions: 61.5 max., 23 max., 28±0.2, 23 max., 29 max., 15.4, 11.6, 6, 7, 5×7=35, 12.2, 23 max., 14.5</p> <p>Two, 6.5 dia. × 7.9</p>	<p>G7S-4A2B</p> <p>G7S-3A3B</p> <p>(bottom view)</p>	<p>4.2, 2.8, 16.4, 12.2, 14.5, 6, 28±0.2, 17, 6, 5×7=35</p> <p>Two, 3.6 dia.</p> <p>Fourteen, 1.8 dia.</p>

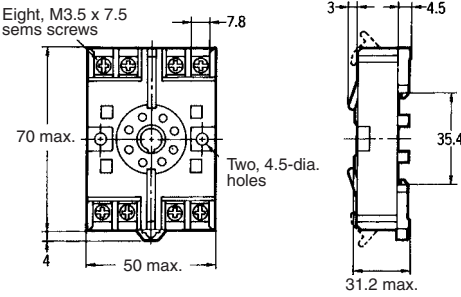
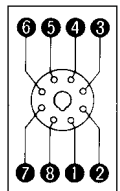
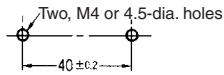
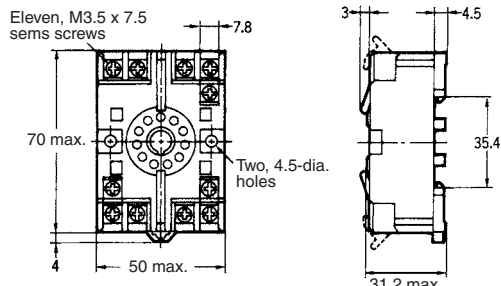
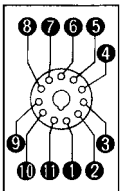
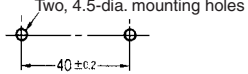
■ PF Dimensions

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
PF083A		<p>Note: Track-mounting is available. See page 245.</p>
PF083A-E		
PF085A		<p>Note: Track-mounting is available. See page 245.</p>
PF113A		
PF113A-E		<p>Note: Track-mounting is available. See page 245.</p>

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
PF202 		

Note: The key groove of PF083A and PF113A (used with MK Relays) are on the upside.

■ P2CF/PFA Dimensions

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
P2CF-08 		 Note: Track-mounting is available. See page 245.
P2CF-11 		 Note: Track-mounting is available. See page 245.

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
8PFA 		 Note: Track-mounting is available. See page 245.
8PFA1 		 Note: Track-mounting is available. See page 245.

■ PFA/P3G/P3GA Dimensions

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
11PFA 		 Note: Track-mounting is available. See page 245.
14PFA 		 Note: Track-mounting is available. See page 245.

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
P3G-08 		---
P3GA-11 		---

■ PL Dimensions

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PL08 		Two, 3.5-dia. or two, M3 Relay-mounting holes Two, 3.5-dia. or two, M3 Socket-mounting holes 31-dia. hole 40±0.3 74 or 86
PL08-Q 		Two, 3.5-dia. or two, M3 Relay-mounting holes Two, 3.5-dia. or two, M3 Socket-mounting holes 31-dia. hole 40±0.3 72 19
PLE08-0 		Two, 3.5-dia. Hold-down Clip-mounting holes 40±0.3 27.7±0.5 Eight, 2.5-dia. holes

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

■ PL Dimensions

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PL11		<p>Two, 3.5-dia. or two, M3 mounting holes for applicable models</p> <p>Two, 3.5-dia. or two, M3 Socket-mounting holes</p> <p>L=40 mm MK3P, MK2KP, MK3ZP, MK3LP L=74 mm MM3P, MM2(X)KP</p>
PL11-Q		<p>Two, 3.5-dia. or two, M3 Socket-mounting holes</p> <p>L=40 mm MK3P, MK2KP, MK3ZP, MK3LP L=74 mm MM3P, MM2(X)KP</p>
PLE11-0		<p>Two, 3.5-dia. Hold-down Clip-mounting holes</p> <p>Eleven, 2.5-dia. holes</p> <p>Eleven, 2.5-dia. holes</p> <p>L= Distance between mounting holes required for MK</p> <p>MK3P MK2KP</p>
PL15		<p>Two, 3.5-dia. or two, M3 mounting holes for applicable models</p> <p>Two, 3.5-dia. or two, M3 Socket-mounting holes</p> <p>L=42 mm MK3XP, MM4(X)P, MM3(X)KP, MM4(X)KP</p>
PL20		<p>Two, 4.5-dia. Relay-mounting holes</p> <p>Two, 4.5-dia. Relay-mounting holes</p> <p>Two, 4.5-dia. Relay-mounting holes</p> <p>Note: Mounting hole preparation not required for LDNP.</p>

Omron Electronic Components, LLC

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