

General-purpose Relays and Power Relays **Sockets**

Square Sockets

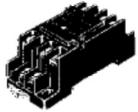
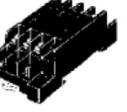
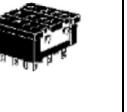
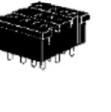
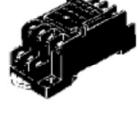
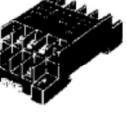
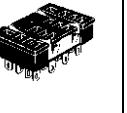
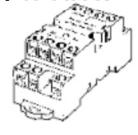
Item	P2RF (Track-mounting) *see page 246		P2R *see page 248			P7TF (Track- mounting) *see page 249
	Screw terminal		Solder terminal	PCB terminal		Screw terminal
5 pins	P2RF-05 Approx. 27 g	P2RF-05-E Approx. 38 g	P2R-05A Approx. 5 g	P2R-05P Approx. 5 g	P2R-057P Approx. 5.5 g	P7TF-05 Approx. 28 g
8 pins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

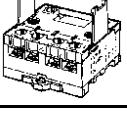
Square Sockets

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	PY08 Approx. 8 g	PYQ08QN Approx. 12 g	PY08-02 Approx. 7.2 g	PTF08A Approx. 39 g	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.

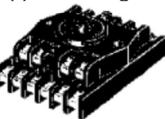
Item	PYF (Track-mounting) *see page 250	PY (back-connecting) *see page 252			PTF (Track-mounting) *see page 253	PT (back-connecting) *see page 255		
		Screw terminal	Solder terminal	Wrapping terminal		Screw terminal	Solder terminal	Wrapping terminal
11 pins	PYF11A Approx. 46 g	PY11 Approx. 9 g	PY11QN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

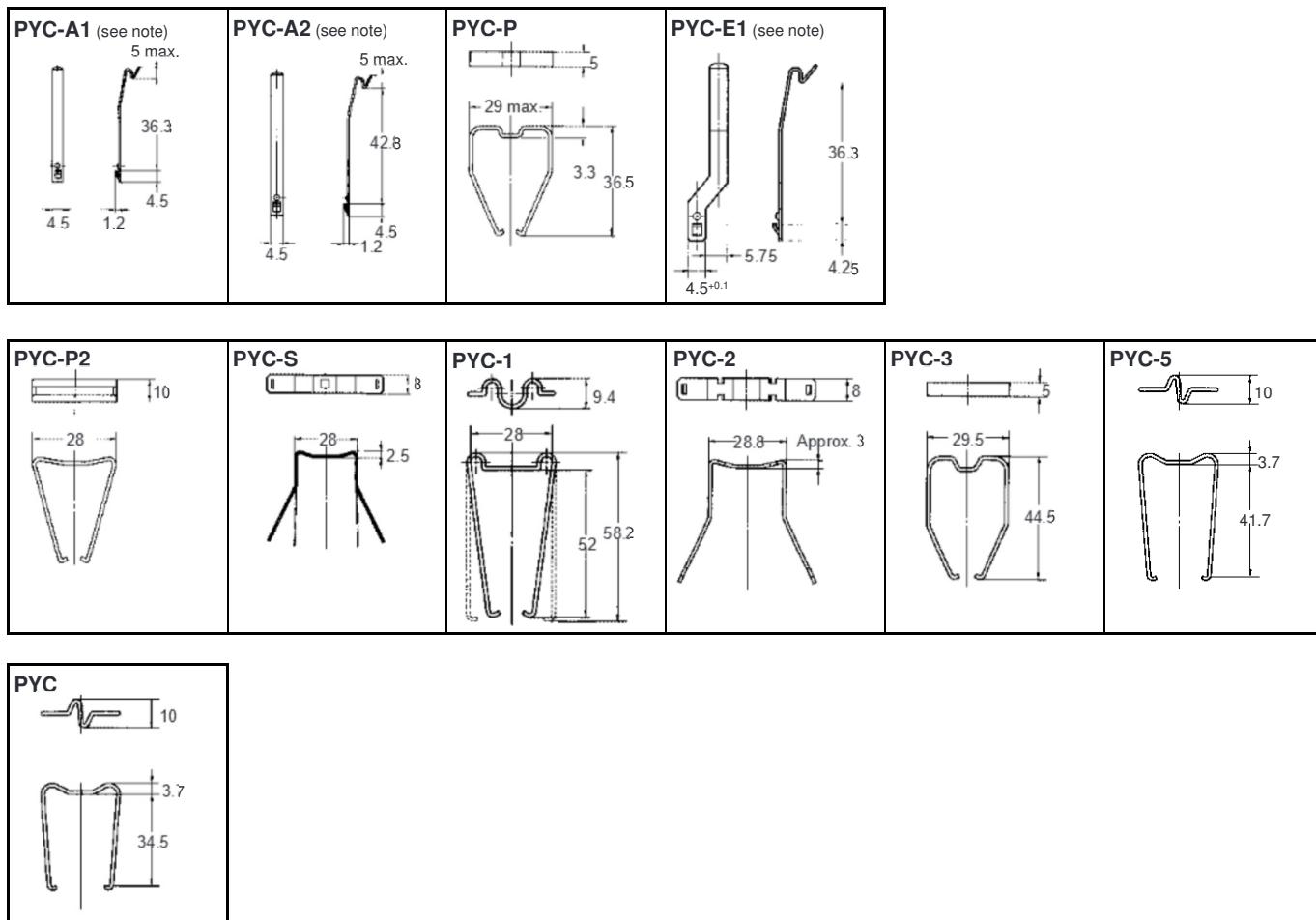
Round Sockets

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 	---	---

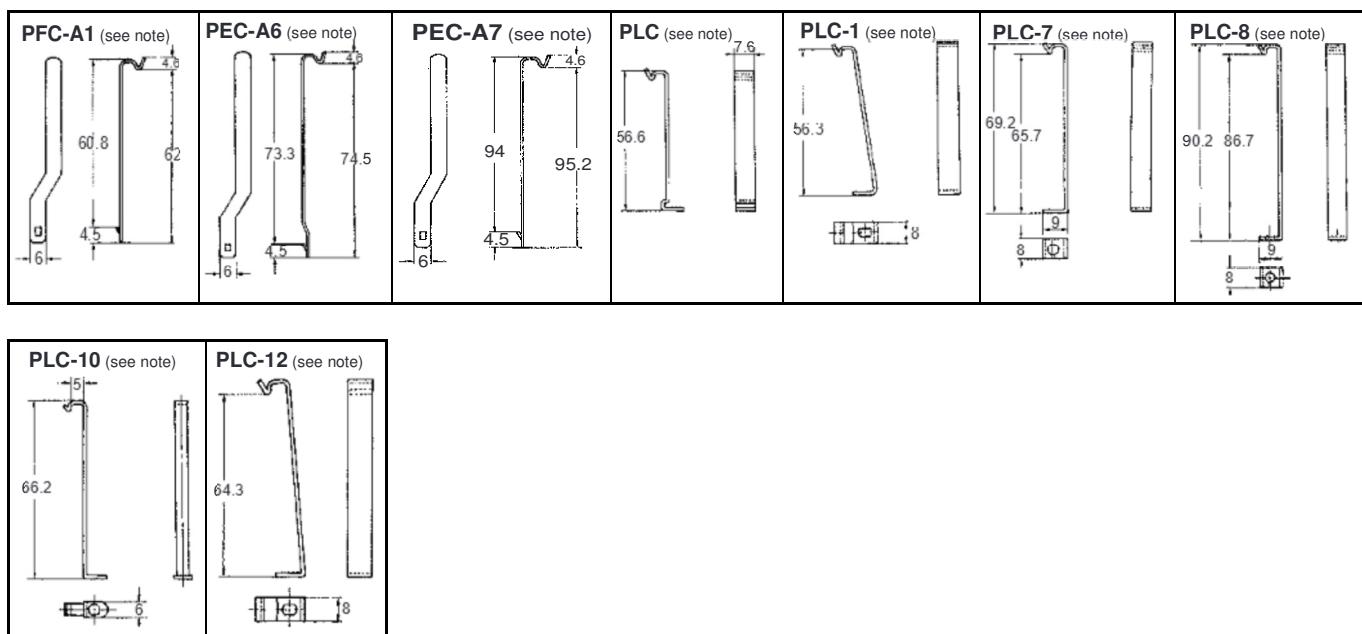
Note: This model succeeds the P3G-11 for which production was stopped in March 1991.

■ 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(l), 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.

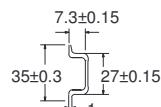
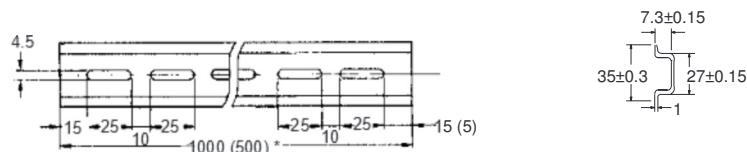
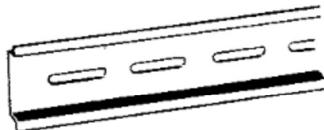
2. The values for insulation resistance were measured at 500 V at the same place as the dielectric strength.

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

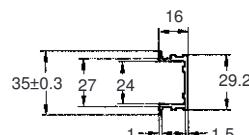
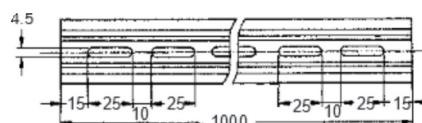
Mounting Track

PFP-100N
PFP-50N



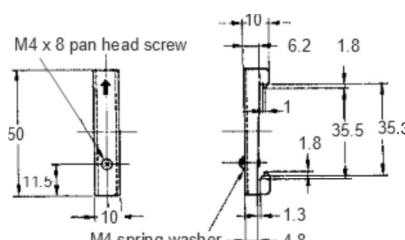
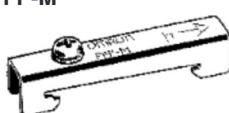
Mounting Track

PFP-100N2



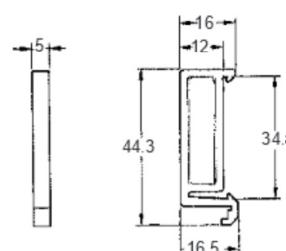
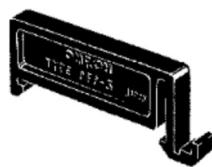
End Plate

PFP-M



Spacer

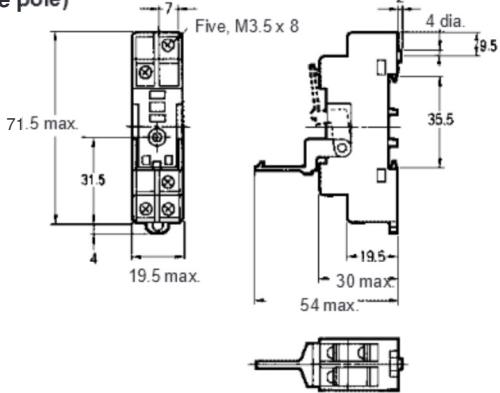
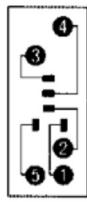
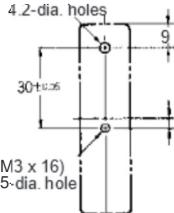
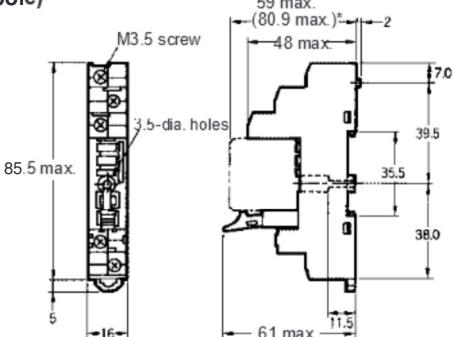
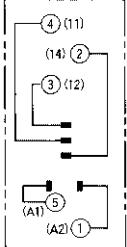
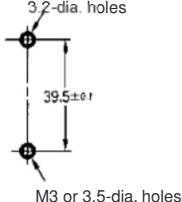
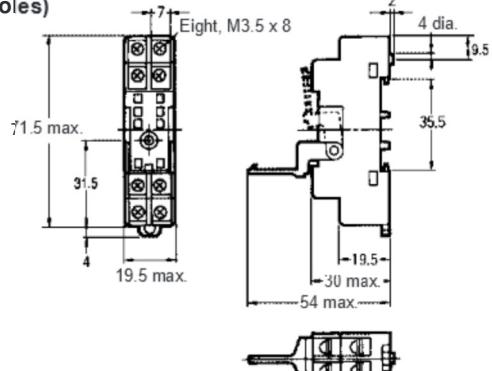
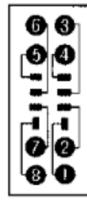
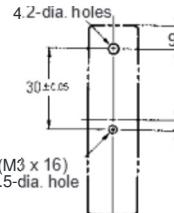
PFP-S



Dimensions

Note: All units are in millimeters unless otherwise indicated.

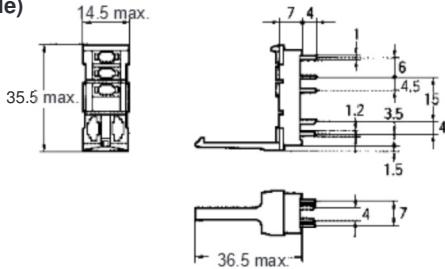
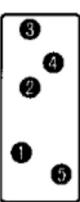
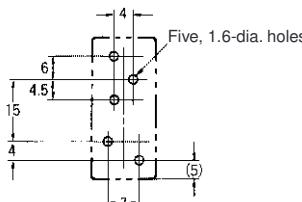
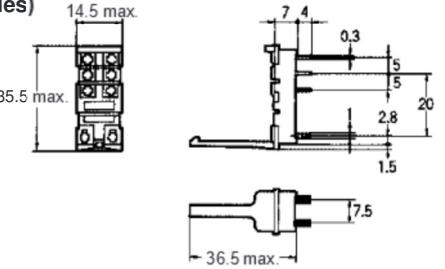
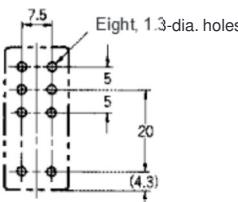
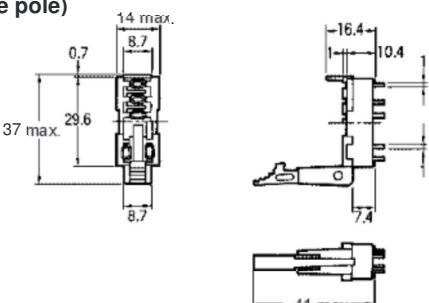
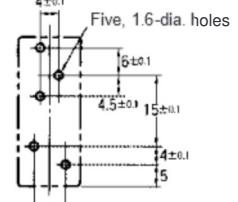
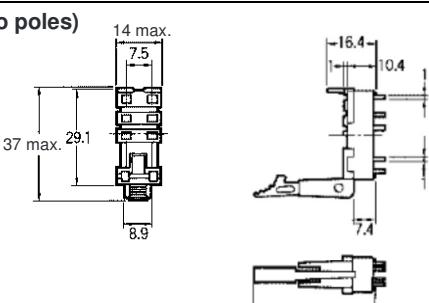
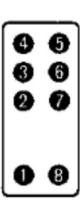
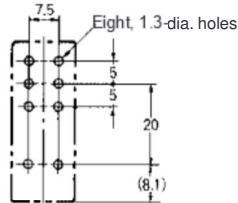
■ P2RF

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>3.2 dia. holes</p> <p>39.5 ± 0.1</p> <p>M3 or 3.5-dia. holes</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) 		
P2R-08P (Two poles) 		
P2R-057P (One pole) 		
P2R-087P (Two poles) 		

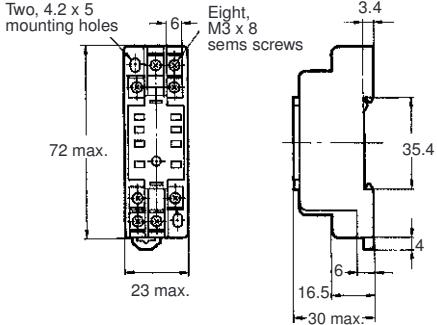
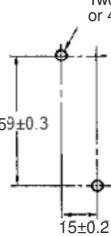
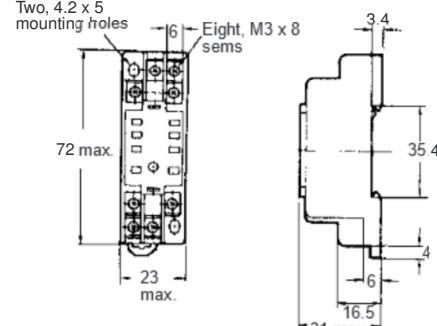
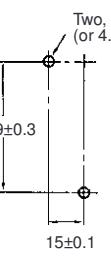
Note: When indicator modules with an I/O SSR are used, the No. 1 pin becomes positive.

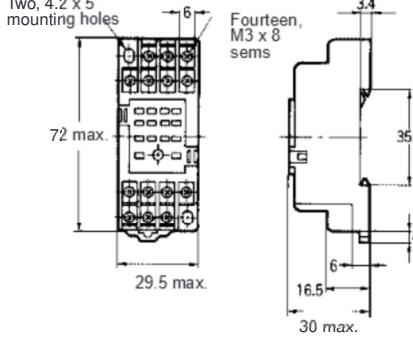
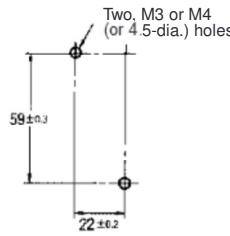
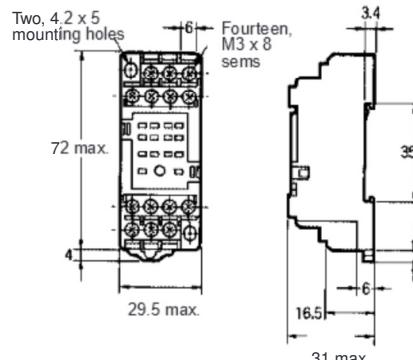
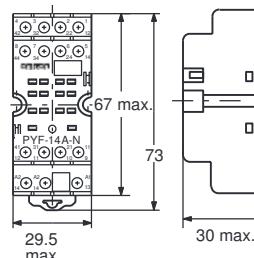
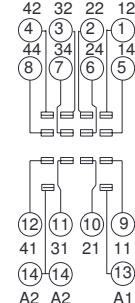
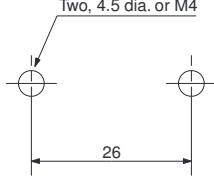
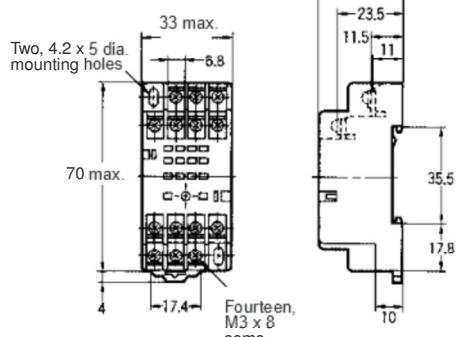
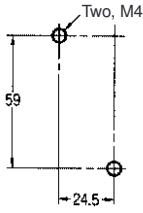
■ P2R/P7TF

Dimensions	Terminal arrangement/ Internal connections	Mounting holes
P2R-05A (One pole) <p>Dimensions: 35.5 max. (height), 14.5 max. (width), 36.5 max. (depth). Terminal arrangement: Five, 3 x 1.8-dia. holes. Bottom view: Pin 1 at bottom, Pin 5 at top, Pin 3 and 4 in middle row, Pin 2 in bottom row.</p>	<p>(Bottom view)</p>	
P2R-08A (Two poles) <p>Dimensions: 35.5 max. (height), 14.5 max. (width), 36.5 max. (depth). Terminal arrangement: Eight, 3 x 1.2-dia. holes. Bottom view: Pin 1 at bottom, Pin 8 at top, Pin 4 and 5 in middle row, Pin 3 and 6 in top row, Pin 2 and 7 in bottom row.</p>	<p>(Bottom view)</p>	<p>Use panel with thickness of 1.6 to 2.0 mm.</p>
P7TF-05 <p>Dimensions: 71.5 max. (height), 19 max. (width), 59 max. (depth). Terminal arrangement: Four, 3 x 1.2-dia. holes. Top view: Pin 1 at bottom, Pin 4 at top, Pin 3 and 2 in middle row, Pin 5 in top row. Note: Track-mounting is also possible.</p>	<p>(Top view)</p>	<p>Two, 3.0 dia. (Top view)</p>

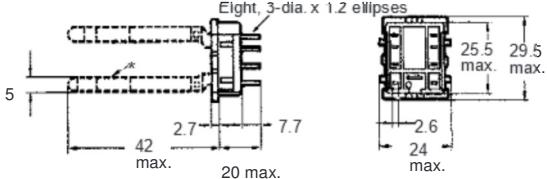
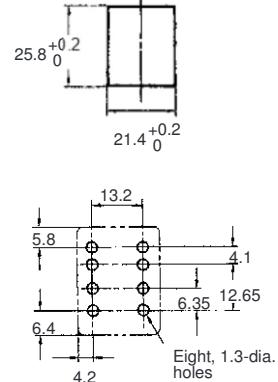
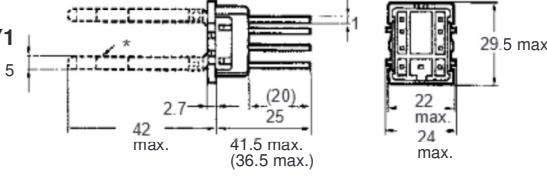
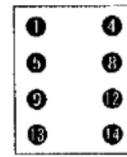
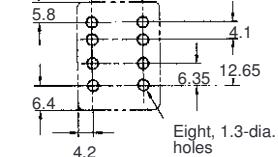
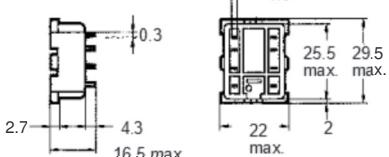
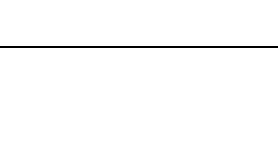
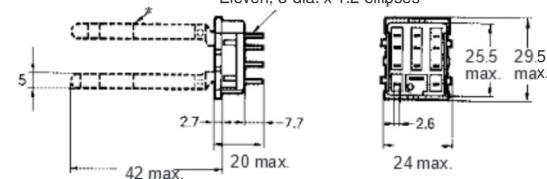
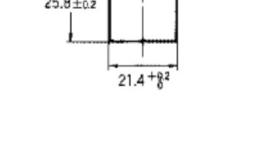
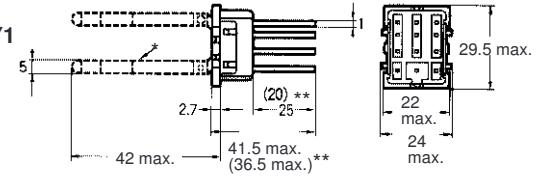
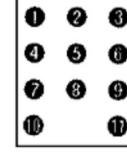
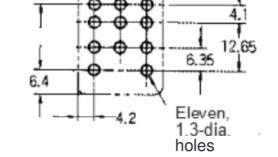
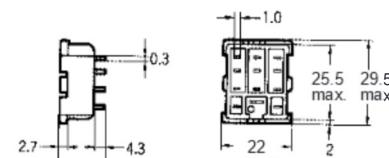
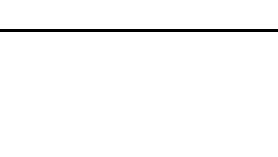
Note: When indicator modules with an I/O SSR are used, the No. 1 pin becomes positive.

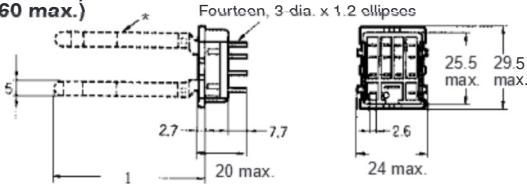
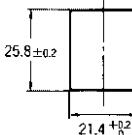
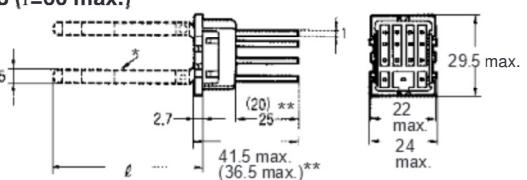
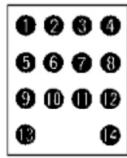
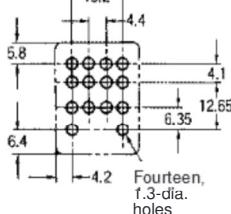
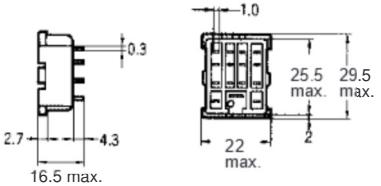
■ PYF Dimensions

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 <img alt="Dimensions for PYF08A-N showing front view, side view, and terminal arrangement. Front view: 22 max height, 67 max width, 73 height, 30 max depth. Side view: 3.4 mm thickness, 35.4 mm height, 16.5 mm width, 30 max depth. Terminal arrangement: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 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58333333333333333337, 58333333333333333338, 5		

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

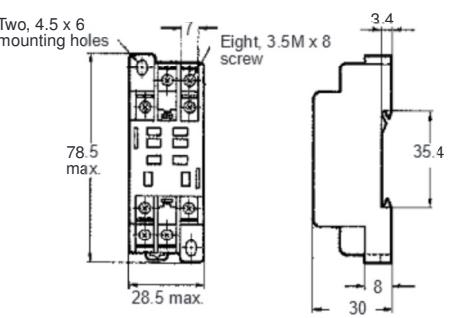
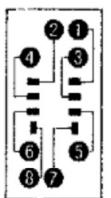
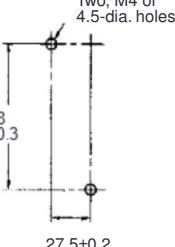
■ PY Dimensions

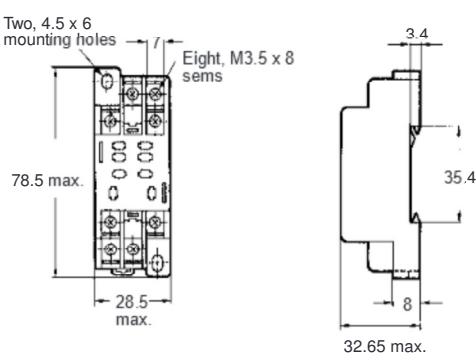
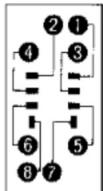
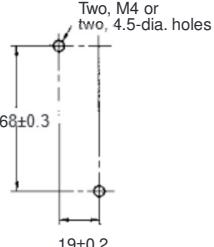
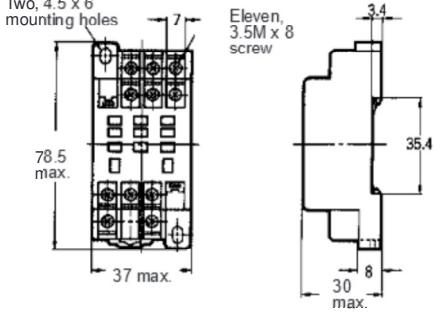
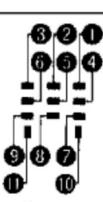
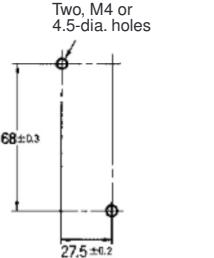
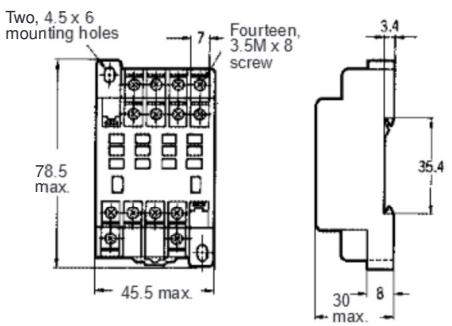
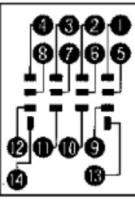
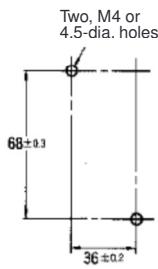
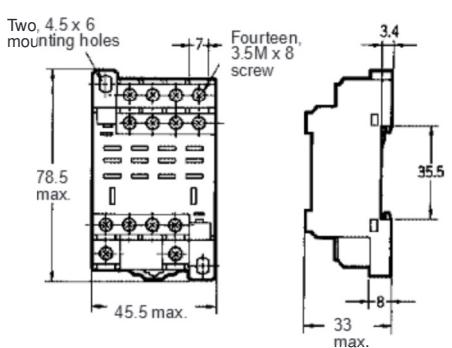
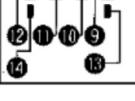
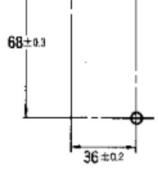
Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PY08 PY08-Y1 PY08-Y3 		
PY08QN PY08QN2 PY08QN-Y1 PY08QN2-Y1 		
PY08-02 		
PY11 PY11-Y1 		
PY11QN PY11QN2 PY11QN-Y1 PY11QN2-Y1 		
PY11-02 		

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PY14 PY14-Y1 (l=42 max.) PY14-Y3 (l=60 max.) 		
PY14QN, PY14QN2 PY14QN-Y1 (l=42 max.) PY14QN2-Y1 (l=42 max.) PY14QN-Y2 (l=49 max.) PY14QN2-Y2 (l=49 max.) PY14QN-Y3 (l=60 max.) PY14QN2-Y3 (l=60 max.) 		
PY14-02 		

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.

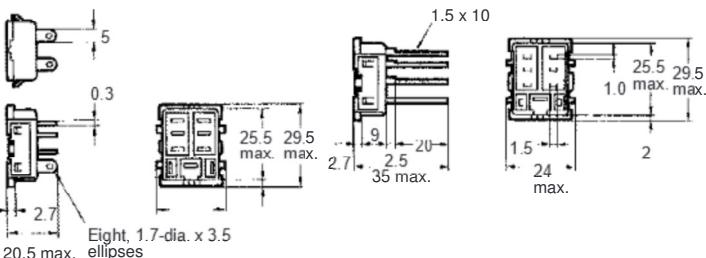
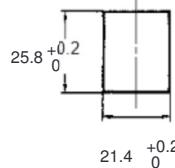
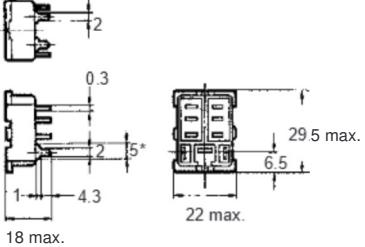
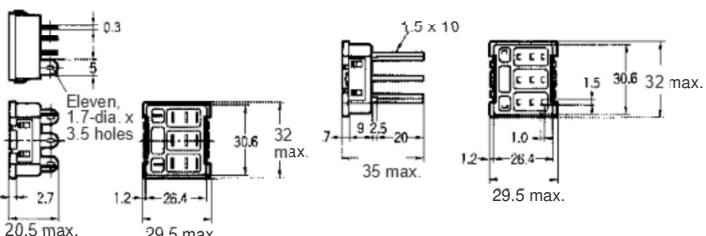
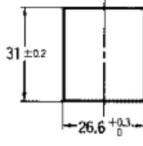
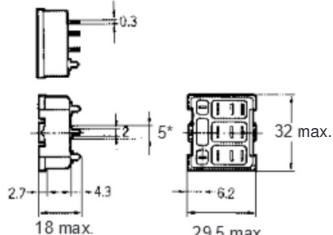
■ PTF Dimensions

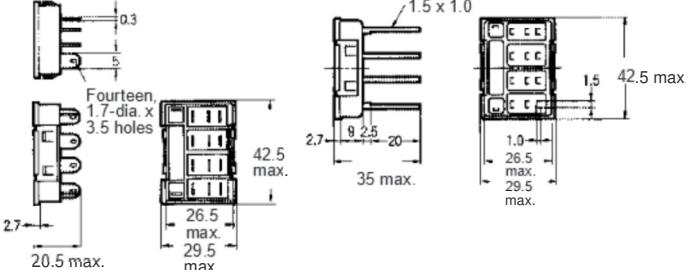
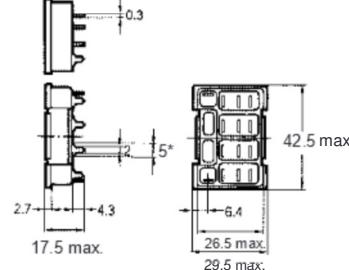
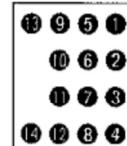
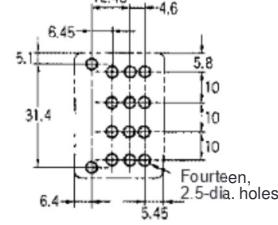
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
PTF08A 		

Dimensions		Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
PTF08A-E			
PTF11A			
PTF14A			
PTF14A-E			

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.

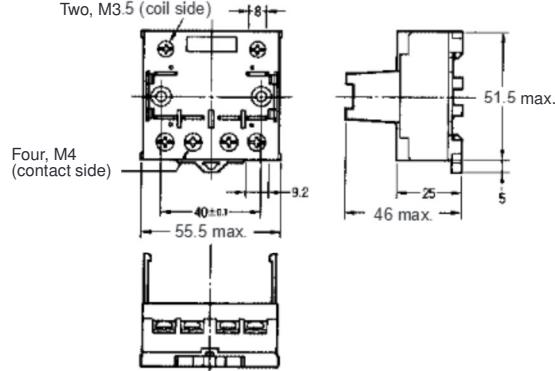
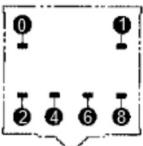
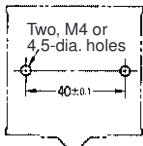
■ PT Dimensions

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PT08 		
PT08-0 		
PT11 		
PT11-0 		

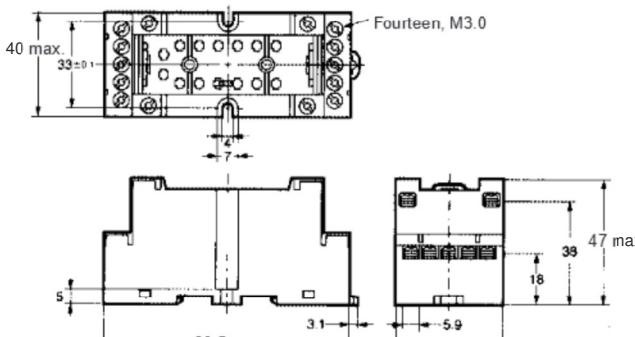
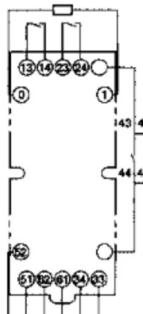
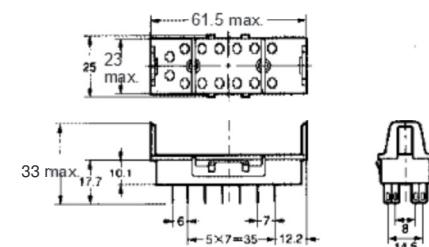
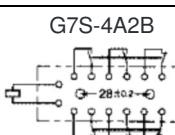
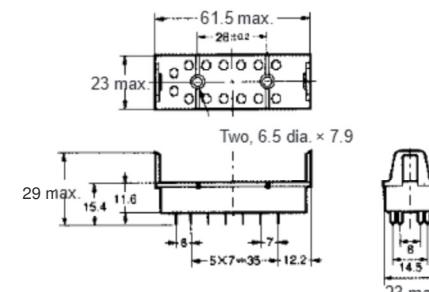
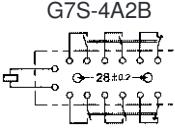
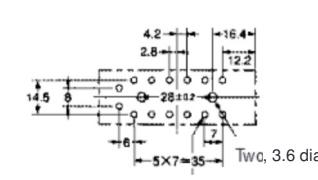
Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PT14  PT14QN		
PT14-0  *Keep a proper distance between the Socket and PCB patterns.		 The tolerance is ± 0.1 .

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

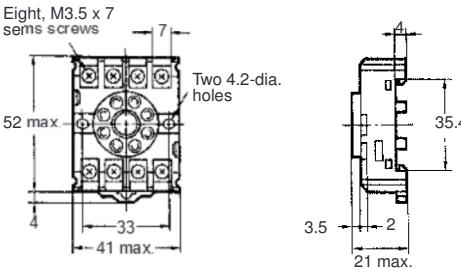
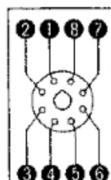
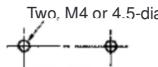
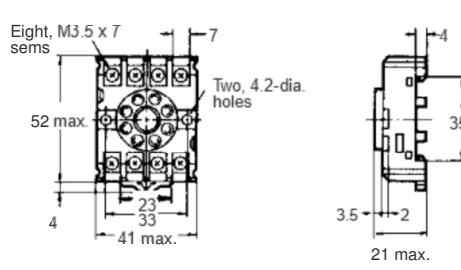
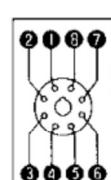
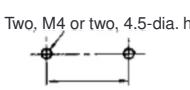
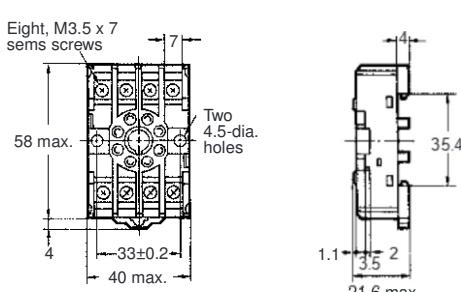
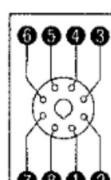
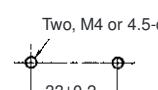
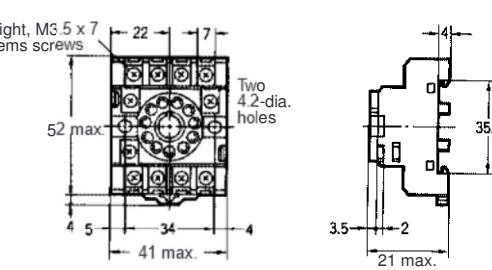
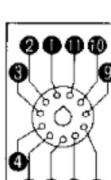
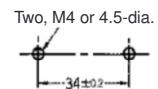
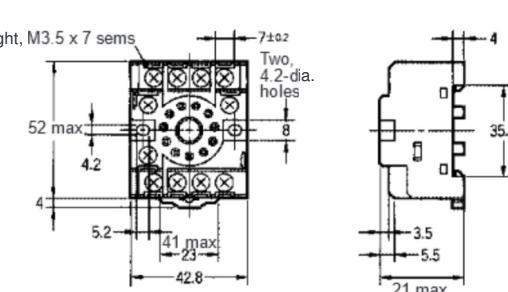
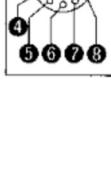
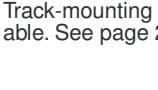
■ P7LF Dimensions

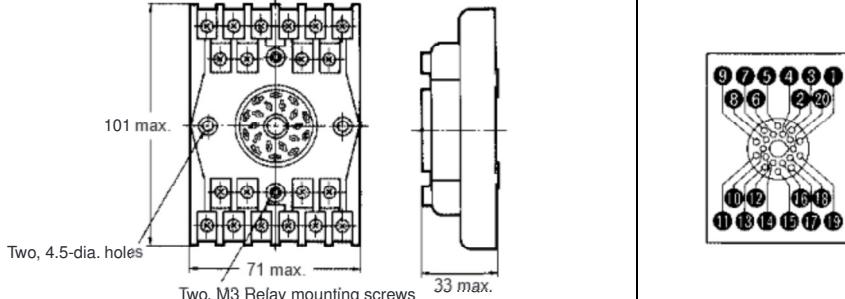
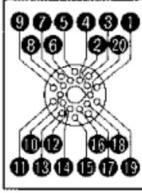
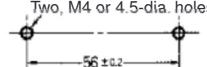
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
P7LF-06  Two, M3.5 (coil side) Four, M4 (contact side)		

■ P7S Dimensions

Dimensions	Terminal arrangement/ Internal connections	Mounting holes
P7S-14F  Fourteen, M3.0	 (top view)	 Two, M3.0 or 4.0-dia. holes 33±0.1
P7S-14A  61.5 max. 23 max. 25 max. 33 max. 17.7 10.1 6 7 5x7=35 12.2 8 14.5	 G7S-4A2B  G7S-3A3B  (bottom view)	 21±0.2 57±0.2
P7S-14P  61.5 max. 23 max. 28±0.2 29 max. 15.4 11.6 8 7 5x7=35 12.2 8 14.5 23 max.	 G7S-4A2B  G7S-3A3B  (bottom view)	 4.2 2.8 16.4 14.5 6 7 5x7=35 12.2 Two, 3.6 dia. Fourteen, 1.8 dia.

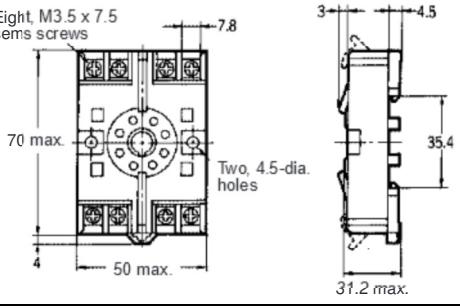
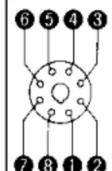
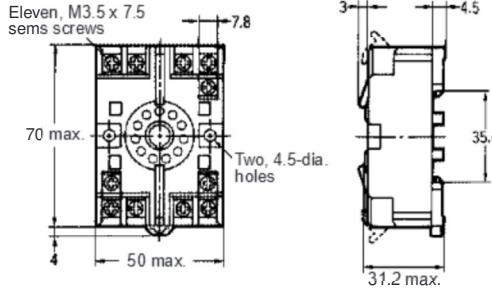
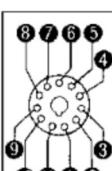
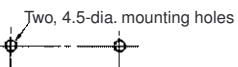
■ PF Dimensions

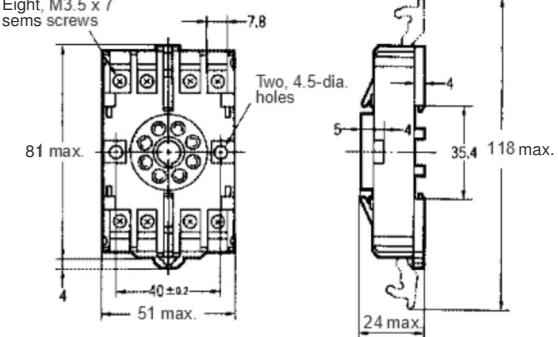
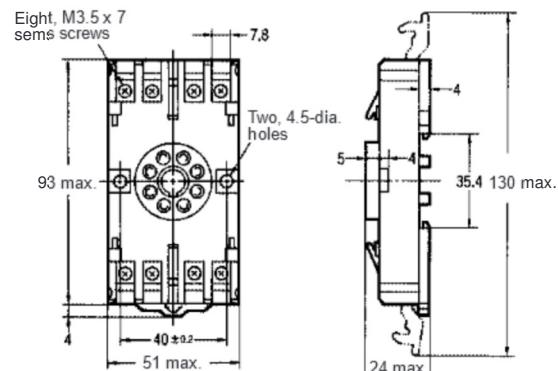
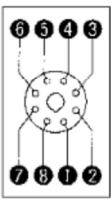
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
PF083A 		Two, M4 or 4.5-dia. holes  Note: Track-mounting is available. See page 245.
PF083A-E 		Two, M4 or two, 4.5-dia. holes 
PF085A 		Two, M4 or 4.5-dia. holes  Note: Track-mounting is available. See page 245.
PF113A 		Two, M4 or 4.5-dia. holes 
PF113A-E 		Two, M4 or 4.5-dia. holes  Note: Track-mounting is available. See page 245.

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

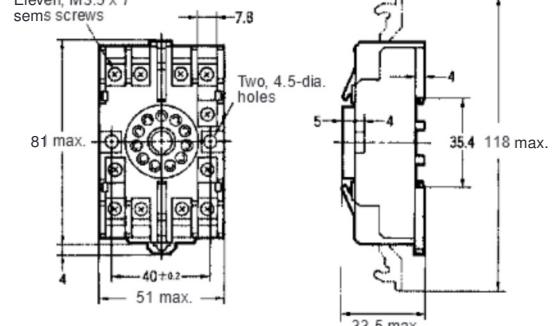
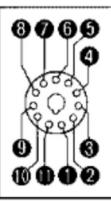
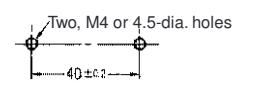
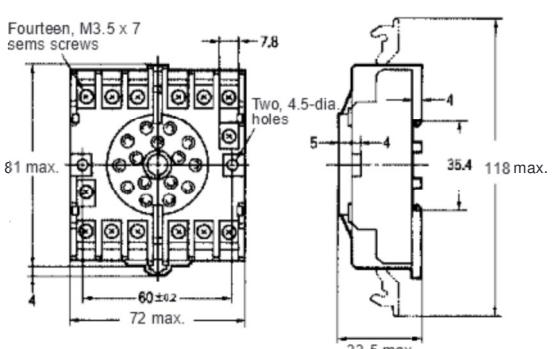
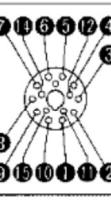
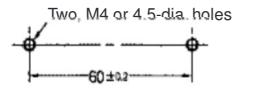
Note: The key groove of PF083A and PF113A (used with MK Relays) are on the upside.

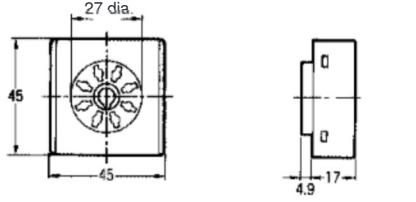
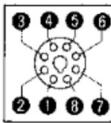
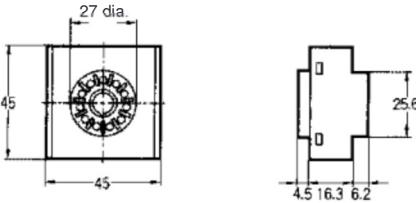
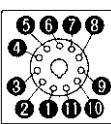
■ P2CF/PFA Dimensions

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.

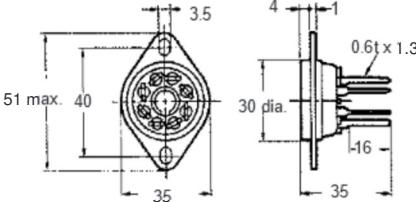
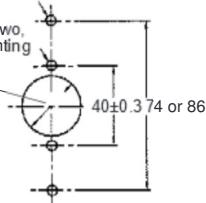
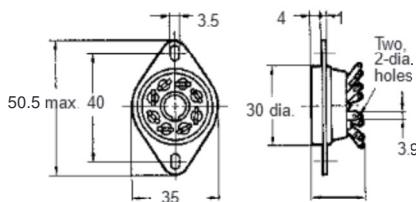
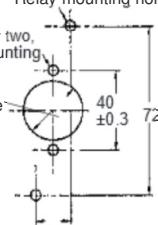
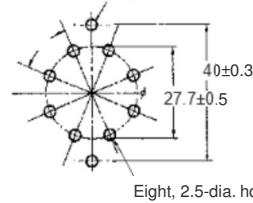
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
8PFA 		
8PFA1 		<p>Note: Track-mounting is available. See page 245.</p>

■ PFA/P3G/P3GA Dimensions

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

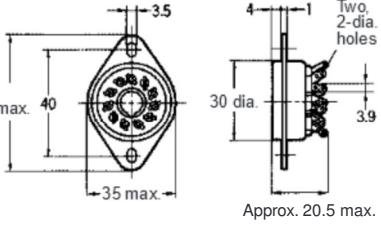
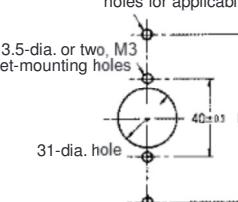
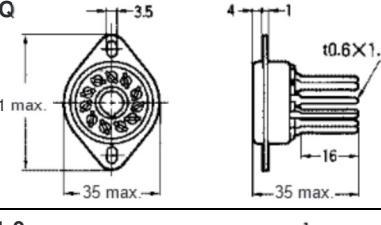
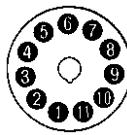
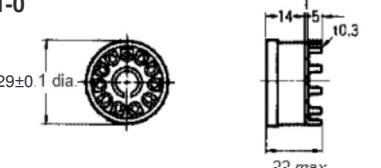
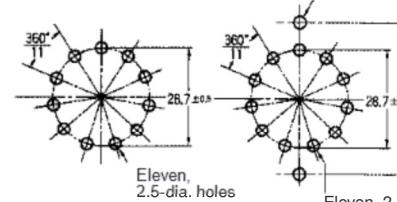
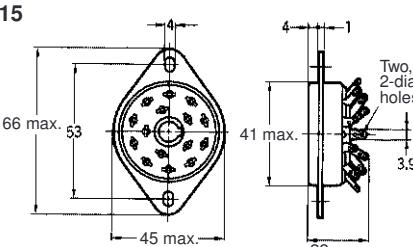
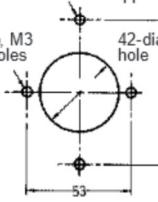
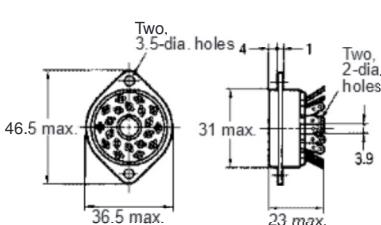
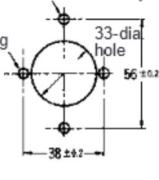
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
P3G-08 		---
P3GA-11 		---

■ PL Dimensions

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

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  51 max. 40 35 max. 3.5 4 - 1 Two, 2-dia. holes 30 dia. 3.9 Approx. 20.5 max.		<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 31-dia. hole 40±0.5</p> <p>L=40 mm MK3P, MK2KP, MK3ZP, MK3LP L=74 mm MM3P, MM2(X)KP</p>
PL11-Q  51 max. 35 max. 3.5 4 - 1 t0.6×1.3 16 35 max.		
PLE11-0  29±0.1 dia. 22 max. 14 - 5 10.3		<p>Two, 3.5-dia. Hold-down Clip-mounting holes</p>  <p>Eleven, 2.5-dia. holes Eleven, 2.5-dia. holes</p> <p>L= Distance between mounting holes required for MK</p> <p>MK3P MK2KP</p>
PL15  66 max. 53 45 max. 41 max. 4 - 1 Two, 2-dia. holes 22 max.		<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 42-dia. hole 74 53</p> <p>MK3XP, MM4(X)P, MM3(X)KP, MM4(X)KP</p>
PL20  46.5 max. 36.5 max. 4 - 1 Two, 3.5-dia. holes 31 max. 23 max.		<p>Two, 4.5-dia. Relay-mounting holes</p>  <p>Two, Socket-mounting holes 33-dia. hole 56±0.2 38±0.2</p> <p>Note: Mounting hole preparation not required for LDNP.</p>