

General-purpose Relays and Power Relays

Sockets

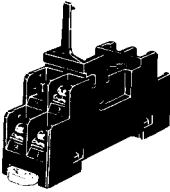
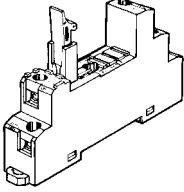
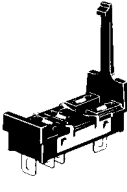
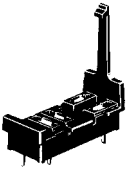
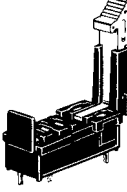
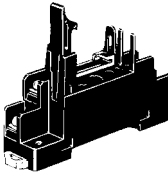
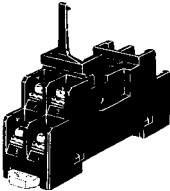
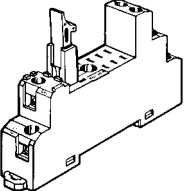
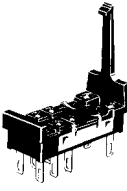
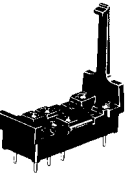
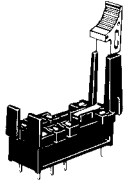


Relay Type	Track Mount Sockets	Back Connecting Sockets	
		Solder terminals	PCB terminals
G2R-1-S	P2RF-05 P2RF-05-E P2RF-05-S	P2R-05A	P2R-05P
G2R-2-S	P2RF-08 P2RF-08-E P2RF-08-S	P2R-08A	P2R-08P
LY1, LY2	PTF08A-E	PT08	PT08-0
LY3	PTF11A	PT11	PT11-0
LY4	PTF14A-E	PT14	PT14-0
MK2	PFO83A-E	PL08	PLR08-0
MK3	PF113A-E	PL11	PLE11-0
MY2	PYF08A-E PYF08A-N PYF08-S	PY08	PY08-02
MY3	PYF11A	PY11	PY11-02
MY4	PYF14A-E PYF14A-N PYF14S	PY14	PY14-02
MY2K	PYF14A-E	PY14	PY14-02
MY4(Z)H	PYF14A-E	—	—

Relay Type	Mounting Bracket	Track Mount Adaptor	Track Mount Socket
G7J-(ALL)	R99-04-FOR-G5F W bracket	—	—
G7L-1A-T	R99-07G5D E bracket	P7LF-D	P7LF-06
G7L-1A-TJ			P7LF-06
G7L-1A-B			—
G7L-1A-BJ			—
G7L-2A-T			P7LF-06
G7L-2A-TJ			P7LF-06
G7L-2A-B			—
G7L-2A-BJ			—

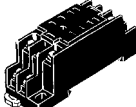
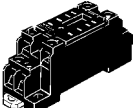
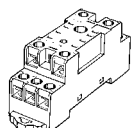
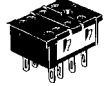
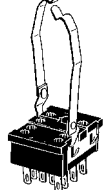
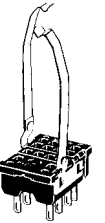
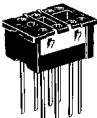
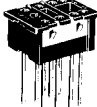
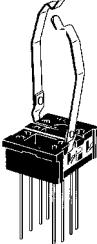
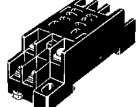
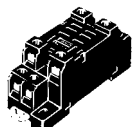
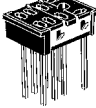
Mounting Track	Length
PFP-100N	1 meter
PFP-50N	.5 meter

Square Sockets

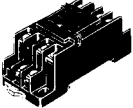
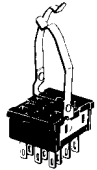
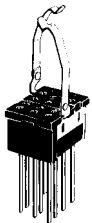
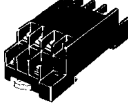
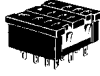
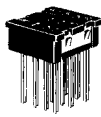
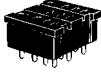
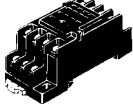
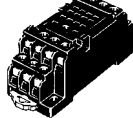
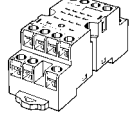
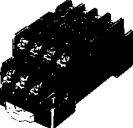
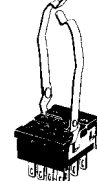
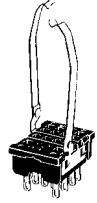
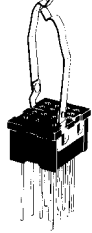
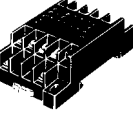
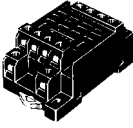
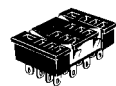
Item	P2RF (Track-mounting) *see page 246		P2R *see page 248			P7TF (Track-mounting) *see page 249
	Screw terminal		Solder terminal	PCB terminal		Screw terminal
5 pins	P2RF-05 Approx. 27 g 	P2RF-05-E Approx. 38 g 	P2R-05A Approx. 5 g 	P2R-05P Approx. 5 g 	P2R-057P Approx. 5.5 g 	P7TF-05 Approx. 28 g 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

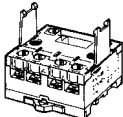
Square Sockets

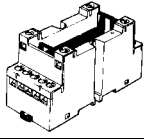
Item	PYF (Track-mounting) *see page 250	PY (back-connecting) *see page 252			PTF (Track-mounting) *see page 253	PT (back-connecting) *see page 255		
	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal
8 pins	PYF08A Approx. 32 g  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.

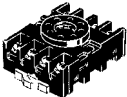
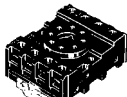
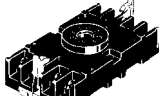
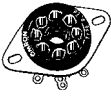
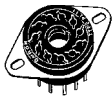
Item	PYF (Track-mounting) *see page 250	PY (back-connecting) *see page 252			PTF (Track-mounting) *see page 253	PT (back-connecting) *see page 255		
	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal
11 pins	PYF11A Approx. 46 g 	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 

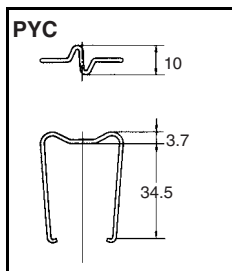
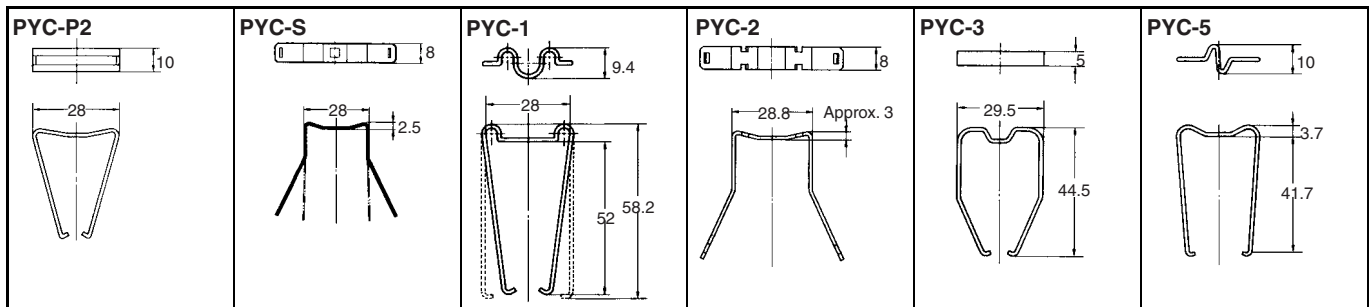
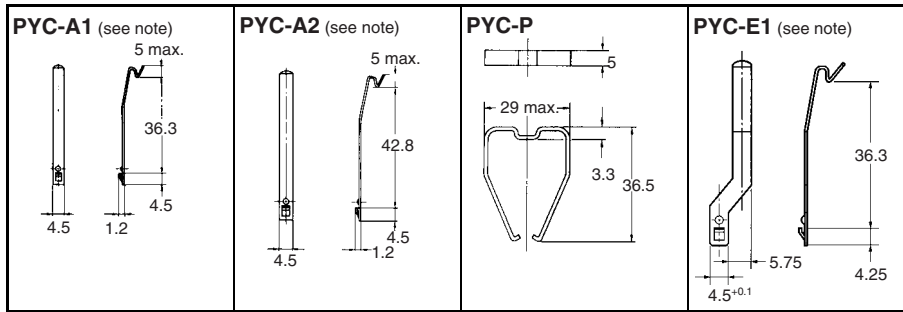
Round Sockets

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 	---	---

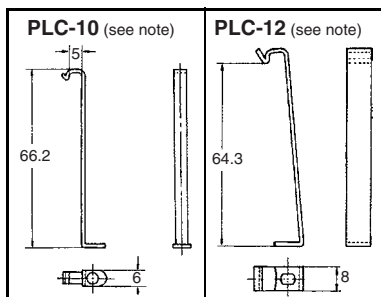
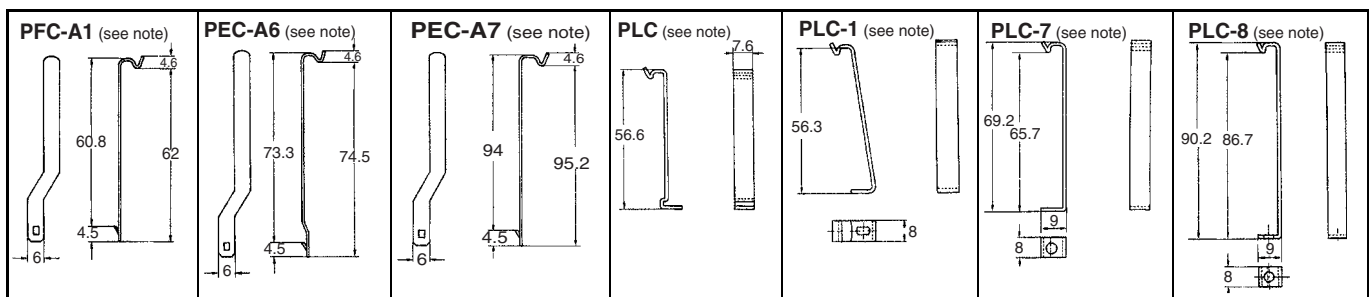
Note: This model succeeds the P3G-11 for which production was stopped in March 1991.

■ 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.

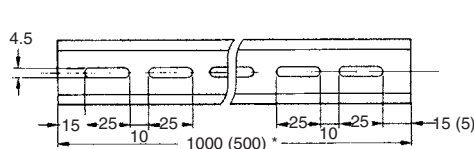
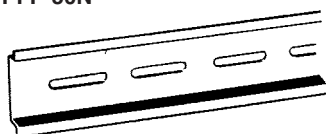
2. The values for insulation resistance were measured at 500 V at the same place as the dielectric strength.

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

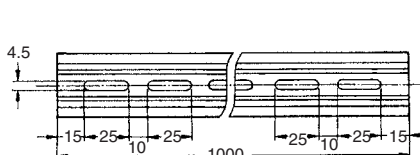
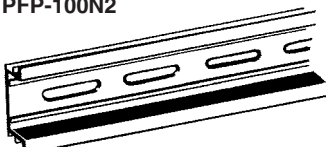
PFP-100N
PFP-50N



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

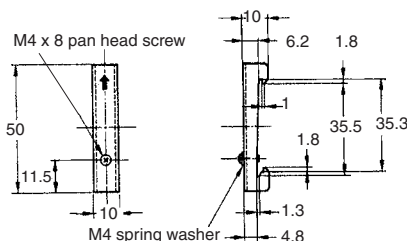
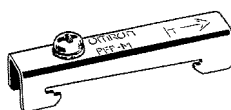
Mounting Track

PFP-100N2



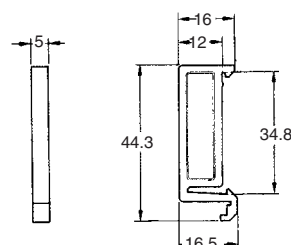
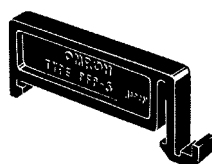
End Plate

PFP-M



Spacer

PFP-S

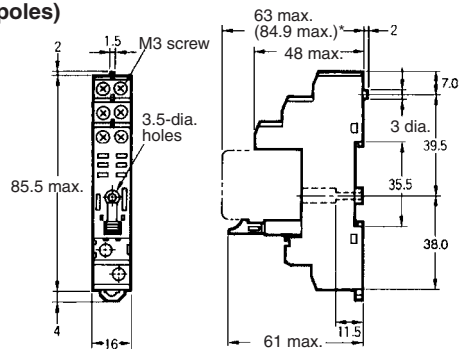
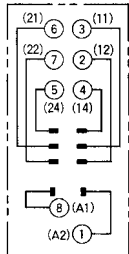
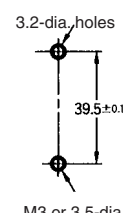


Dimensions

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)		Note: Track-mounting is also possible.
P2RF-05-E (One pole) * When mounted on H3RN-1□.	Note: Figures in parentheses are DIN standard numbers.	Note: Track-mounting is also possible.
P2RF-08 (Two poles)		Note: Track-mounting is also possible.

Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes (top view)
P2RF-08-E (Two poles)  85.5 max. 2 1.5 M3 screw 3.5-dia. holes 63 max. (84.9 max.)* 48 max. 2 7.0 3 dia. 39.5 35.5 38.0 61 max. 11.5 4 16 * When mounted on H3RN-2□.	 Note: Figures in parentheses are DIN standard numbers.	 3.2-dia. holes 39.5±0.1 M3 or 3.5-dia. holes Note: Track-mounting is also possible.

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) 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 (base width), 7 (base length), and 36.5 max. (total length).	Diagram showing the terminal arrangement for the P2R-05P socket. The terminals are numbered 1 through 5 in a 2x3 grid: 3 (top left), 4 (top right), 2 (middle left), 5 (middle right), 1 (bottom left), and an empty space (bottom right).	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).
P2R-08P (Two poles) 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), 2.8 (base thickness), 1.5 (base width), 7.5 (base length), and 36.5 max. (total length).	Diagram showing the terminal arrangement for the P2R-08P socket. The terminals are numbered 1 through 8 in a 2x4 grid: 4 (top left), 5 (top right), 3 (middle left), 6 (middle right), 2 (bottom left), 7 (bottom right), 1 (bottom left), and 8 (bottom right).	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), 20 (total height), 4.3 (total width), and 5 (total width).
P2R-057P (One pole) 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 (base width), 16.4 (base length), 10.4 (base length), 7.4 (base length), and 41 max. (total length).	Diagram showing the terminal arrangement for the P2R-057P socket. The terminals are numbered 1 through 5 in a 2x3 grid: 3 (top left), 4 (top right), 2 (middle left), 5 (middle right), 1 (bottom left), and an empty space (bottom right).	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).
P2R-087P (Two poles) 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 (base width), 16.4 (base length), 10.4 (base length), 7.4 (base length), and 41 max. (total length).	Diagram showing the terminal arrangement for the P2R-087P socket. The terminals are numbered 1 through 8 in a 2x4 grid: 4 (top left), 5 (top right), 3 (middle left), 6 (middle right), 2 (bottom left), 7 (bottom right), 1 (bottom left), and 8 (bottom right).	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), 20 (total height), 8.1 (total width), and 5 (total width).

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

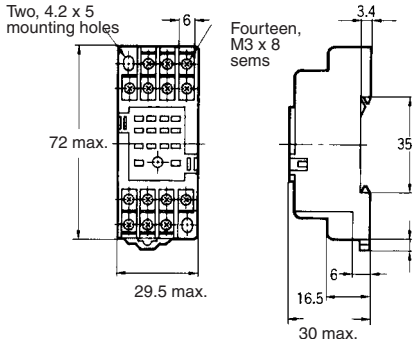
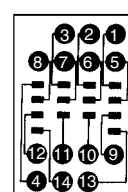
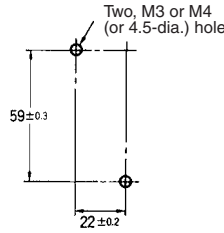
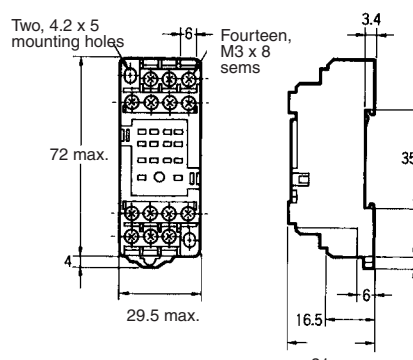
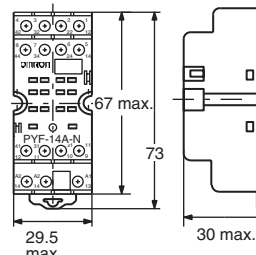
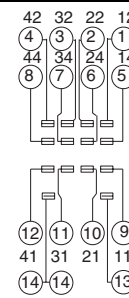
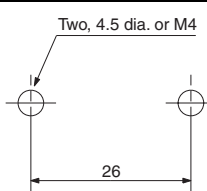
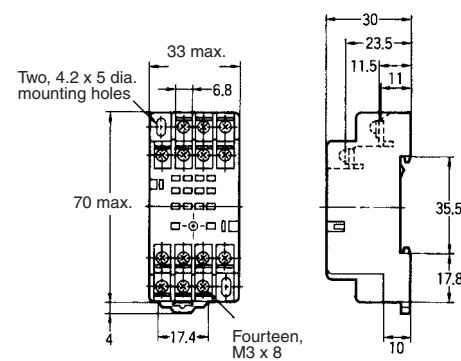
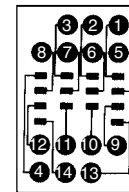
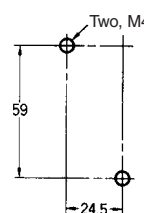
■ P2R/P7TF

Dimensions	Terminal arrangement/ Internal connections	Mounting holes
P2R-05A (One pole) 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.	(Bottom view)	13.6±0.1 30.5^{+0.2}₀ Use panel with thickness of 1.6 to 2.0 mm.
P2R-08A (Two poles) 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.	(Bottom view)	13.6±0.1 30.5^{+0.2}₀ Use panel with thickness of 1.6 to 2.0 mm.
P7TF-05 19 max. 7 Screw with square washer 71.5 max. 4 12.5±0.2 35.5 9 19.5 59 max.	(Top view)	12.5±0.2 62±0.1 Two, 3.0 dia. Note: Track-mounting is also possible.

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

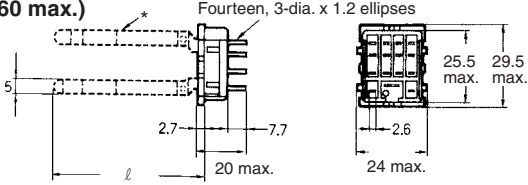
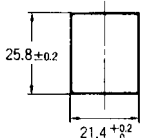
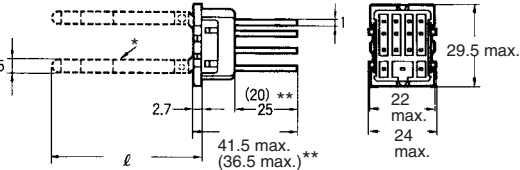
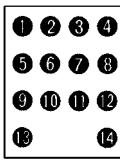
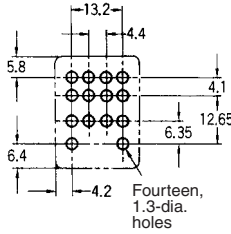
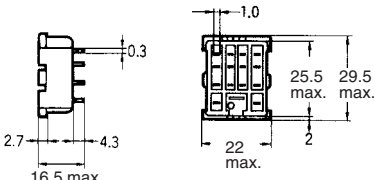
■ PYF Dimensions

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

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

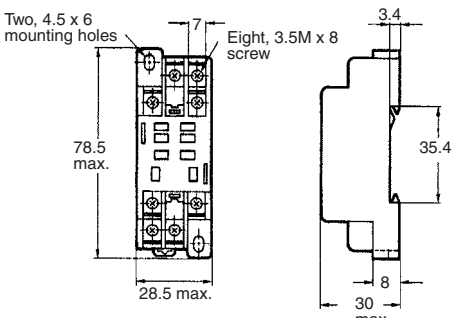
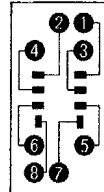
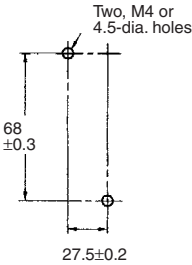
■ PY Dimensions

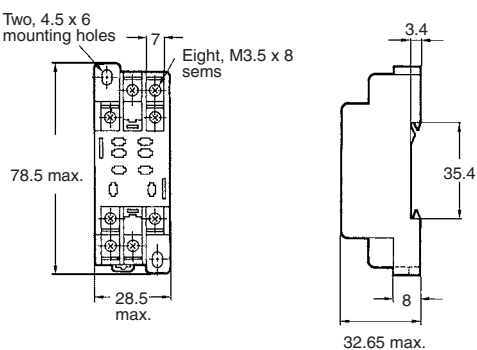
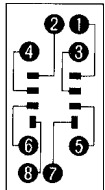
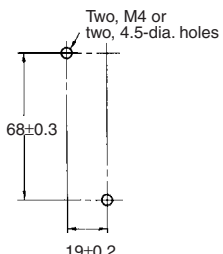
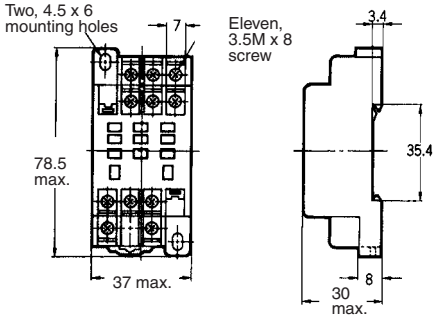
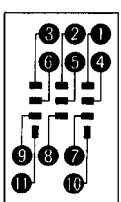
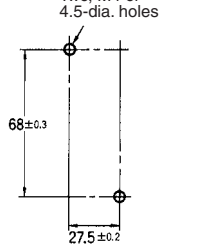
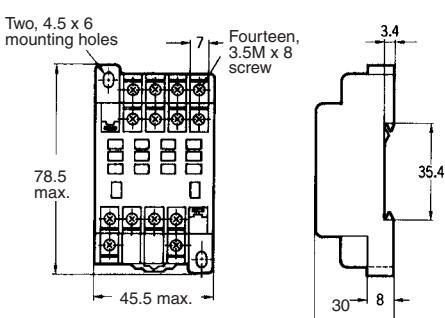
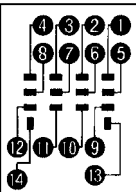
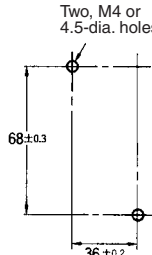
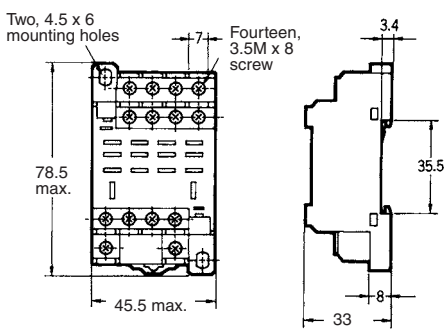
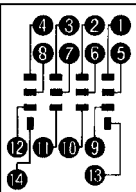
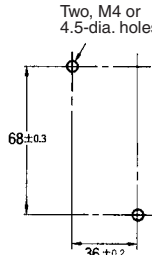
Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PY08 PY08-Y1 PY08-Y3 Note: PY08-Y1 includes the part outlined by the dashed lines above.		
PY08QN PY08QN2 PY08QN-Y1 PY08QN2-Y1 Note: 1. PY08QN(2)-Y1 includes the part outlined by the dashed lines above. 2. The figures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

Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
PY14 PY14-Y1 ($\ell=42$ max.) PY14-Y3 ($\ell=60$ max.) 		
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.) 		
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 		 Note: Track-mounting is available. See page 245.

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

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 Eight, 1.7-dia. x 3.5 ellipses 20.5 max.		
PT08QN Eight, 1.7-dia. x 3.5 ellipses 20.5 max.		 The tolerance is ± 0.1 .
PT08-0 *Keep a proper distance between the Socket and PCB patterns.		
PT11 Eleven, 1.7-dia. x 3.5 holes 20.5 max.		
PT11QN Eleven, 1.7-dia. x 3.5 holes 20.5 max.		 The tolerance is ± 0.1 .
PT11-0 *Keep a proper distance between the Socket and PCB patterns.		

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

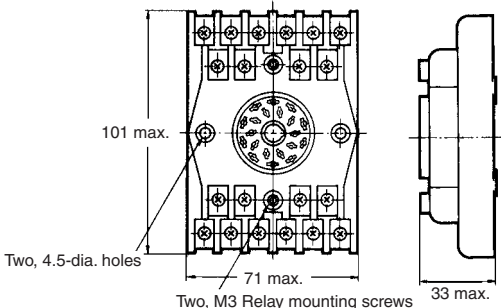
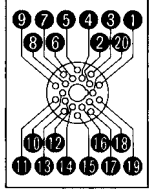
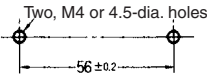
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
P7LF-06 		

■ P7S Dimensions

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

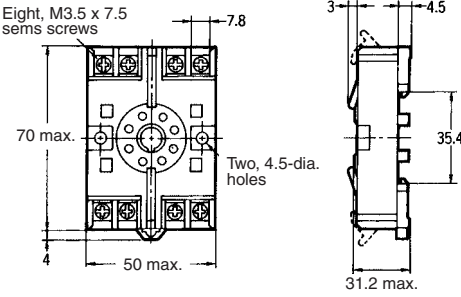
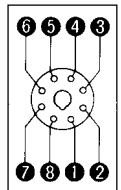
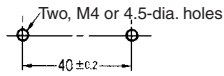
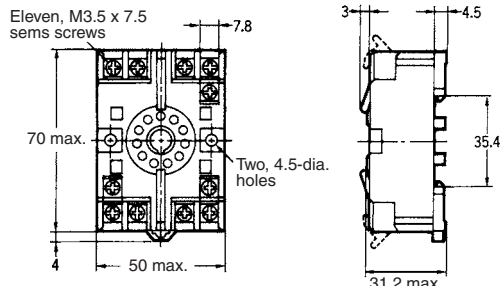
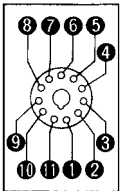
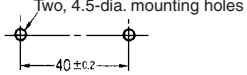
■ PF Dimensions

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

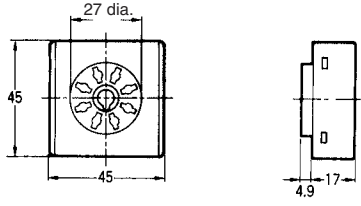
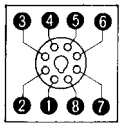
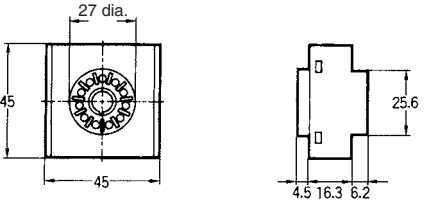
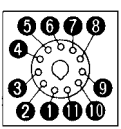
■ P2CF/PFA Dimensions

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.

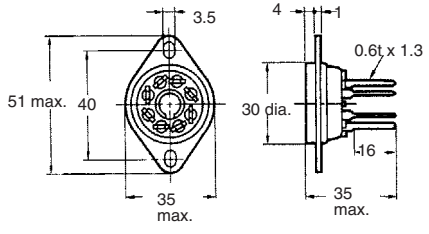
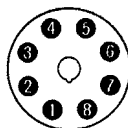
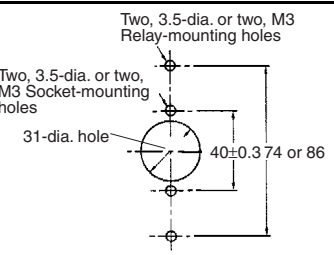
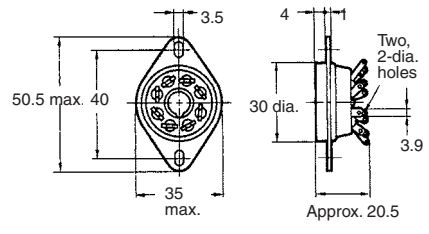
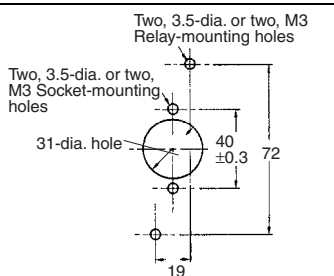
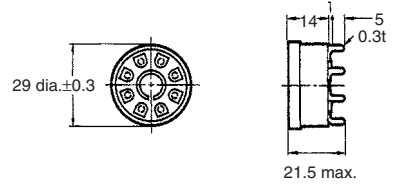
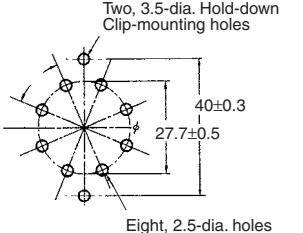
Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
8PFA 		 Note: Track-mounting is available. See page 245.
8PFA1 		Note: Track-mounting is available. See page 245.

■ 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 		
PL08-Q 		
PLE08-0 		

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		Two, 3.5-dia. or two, M3 mounting holes for applicable models Two, 3.5-dia. or two, M3 Socket-mounting holes 31-dia. hole L=40 mm MK3P, MK2KP, MK3ZP, MK3LP L=74 mm MM3P, MM2(X)KP
PL11-Q		
PLE11-0		Two, 3.5-dia. Hold-down Clip-mounting holes Eleven, 2.5-dia. holes Eleven, 2.5-dia. holes L= Distance between mounting holes required for MK MK3P MK2KP
PL15		Two, 3.5-dia. or two, M3 mounting holes for applicable models Two, 3.5-dia. or two, M3 Socket-mounting holes 42-dia. hole 74 53 MK3XP, MM4(X)P, MM3(X)KP, MM4(X)KP
PL20		Two, 4.5-dia. Relay-mounting holes Two, 33-dia. holes Two, Socket-mounting holes Note: Mounting hole preparation not required for LDNP.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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