■ Sockets
PCB Relay Socket

Item	P6B *see page 248
4 pins	**P6B-04P**
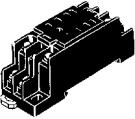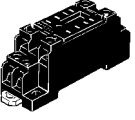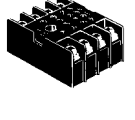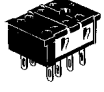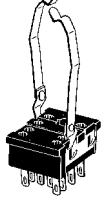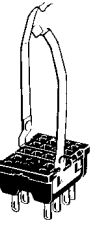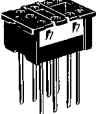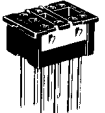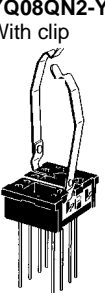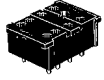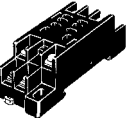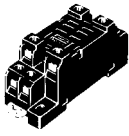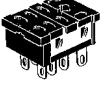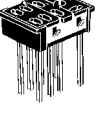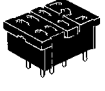
Note: The maximum carry current is 5 A.

Square Sockets

Item	P2RF *see page 248		P2R *see page 251			P7TF *see page 251
			Solder terminal	Wrapping terminal	PCB terminal	
5 pins	P2RF-05	P2RF-05-E	P2R-05A	P2R-05P	P2R-057P	P7TF-05
8 pins	P2RF-08	P2RF-08-E	P2R-08A	P2R-08P	P2R-087P	---
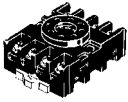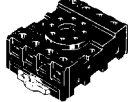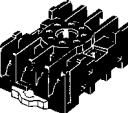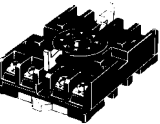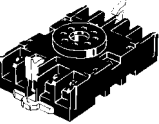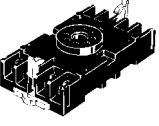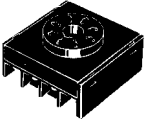
Note: □-E Models are of finger-protect construction. Round terminals cannot be used. Use Y-shaped terminals.

Square Sockets

Item	PYF (track mounting) *see page 252	PY (back connecting) *see page 253			PTF (track mounting) *see page 254	PT (back connecting) *see page 254		
	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal	Screw terminal	Solder terminal	Wrapping terminal	PCB terminal
8 pins	PYF08A PYF08A-TU PYF08A-E PYF08M	PY08 PY08-Y1 PY08-Y3	PYQ08QN * Without clip PYQ08QN2 PYQ08QN-Y1 PYQ08QN2-Y1 * With clip	PY08-02	PTF08A PTF-08-TU PTF08A-E	PT08	PT08QN	PT08-0

Note: Models ending with "-TU" have nickel-plated contacts and can be stored at a humidity of 95% maximum.

Round Sockets

Item	PF (surface mounting) *see page 255	P2CF (surface mounting)	PFA (surface mounting)	P3G (surface mounting)	PL (back connecting) *see page 256		
					Solder terminal	Wrapping terminal	PCB terminal
8 pins	PF083A PF083A-E PF085A	P2CF-08	8PFA 8PFA1	P3G-08	PL08	PL08-Q	PLE08-0

∎ Hold-down Clips

For Square Sockets

PHC-12	PKC	PTC-1	PYC-A1	PYC-A2	PYC-P

PYC-P2	PYC-S	PYC-1	PYC-2	PYC-3	PYC-5

PYC	Y92H-3	Y92H-4

For Round Sockets

PFC-A1	PEC-A6	PFC-A7	PLC	PLC-1	PLC-7	PLC-8

PLC-10	PLC-12
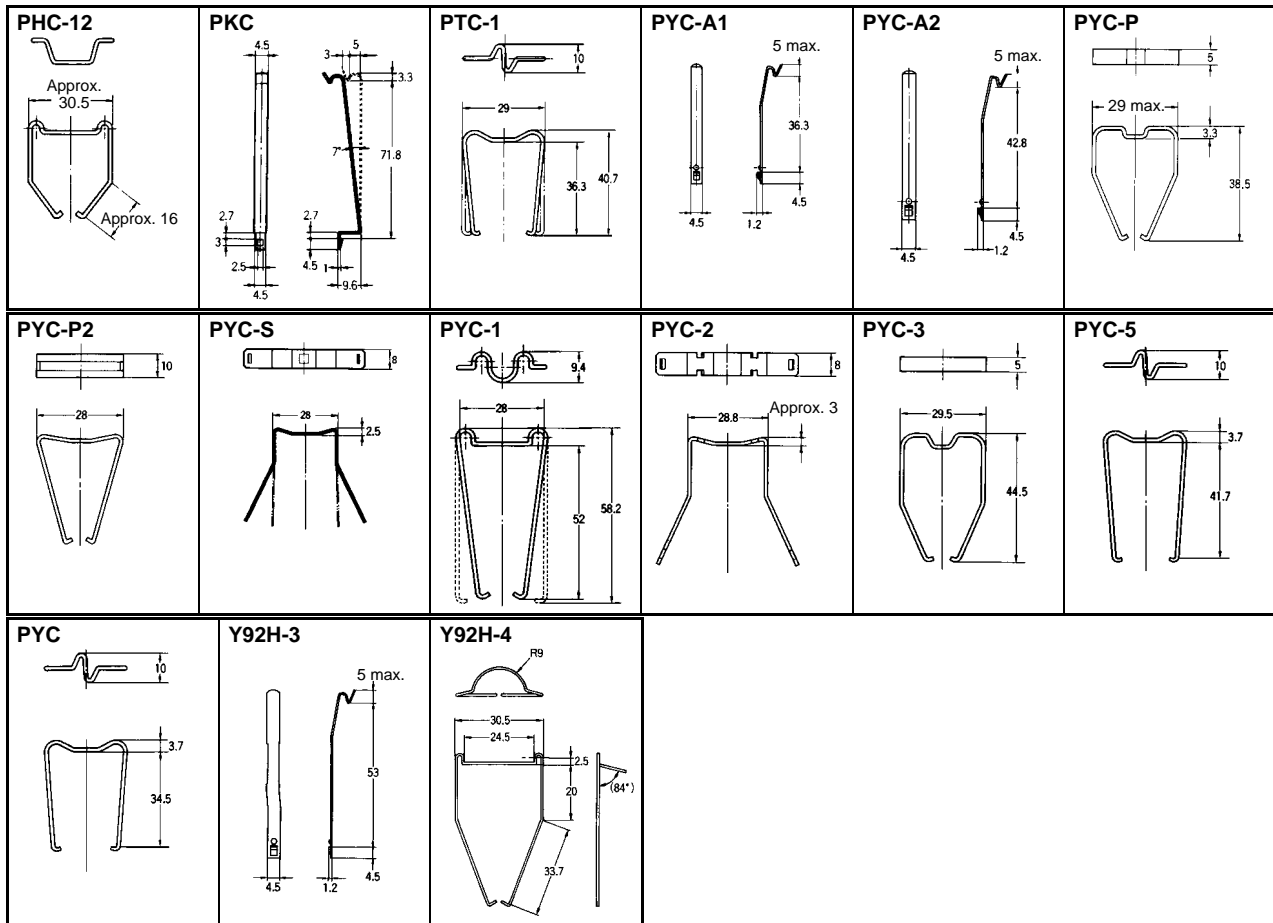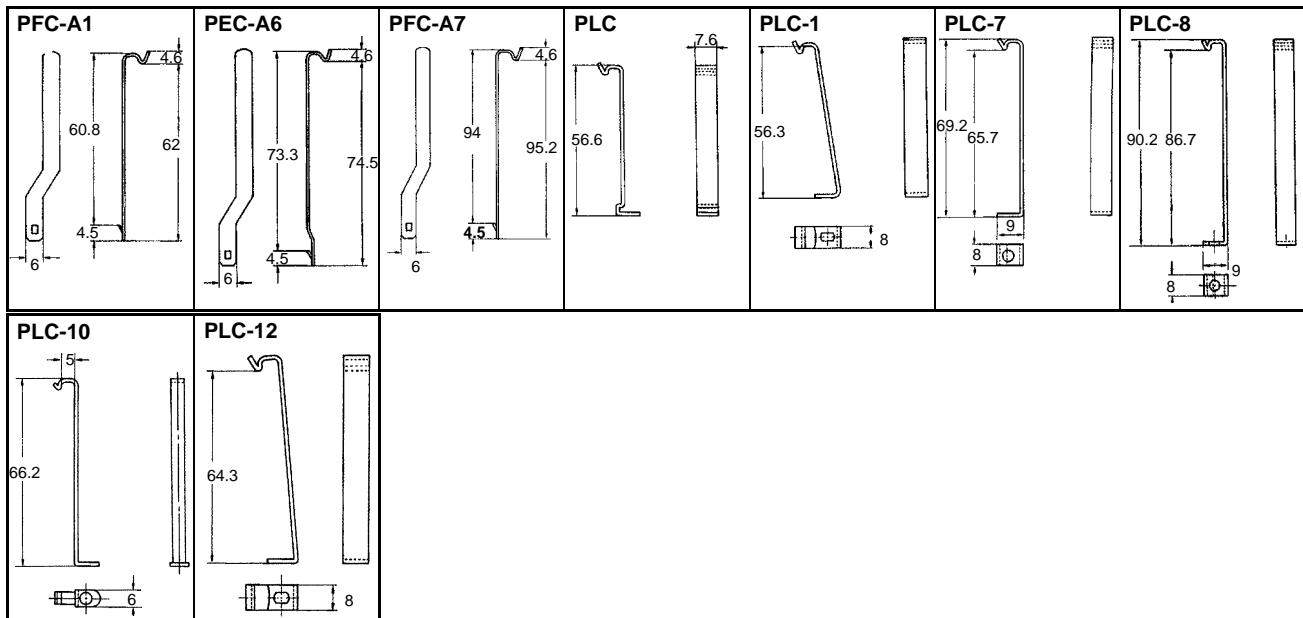
■ Models Used with Sockets

Group	Model	Pin No.	Socket	
			Front connecting	**Back connecting**
G3S	G3S, G3SD	4	---	P6B
G3F	G3F, G3FD, G3FM	8	PYF	PY
G3H	---		PTF	PT
G3B	---		PF083A	PL
G3R	---	5	P2RF	P2R

■ Models Used with Hold-down Clips

Square Sockets

Item	PYF□A, PTF□A	PYF08M	PY□(QN), PT□(QN)	PY□-02, PT□-0
G3H series, G3F, G3FD, G3FM	PYC-A1	PYC PYC-P	PYC-P, PYC-S	PYC-P

Note: 1. Pin numbers 18, 11, or 14 apply to □.

2. PYF08A cannot be used with MY1 or MY2. Use PYF-14A instead.

Round Sockets

Item	PF083A, PF113A	PL08(-Q), PL11(-Q)	PLE08-0, PLE11-0
G3B	PFC-A1	PLC	PLC-10

Note: 1. 8PFA(1) has hooks that can hold a relay.

2. A hold-down clip for PF085A is sold together with relays that can be used with PF085A.
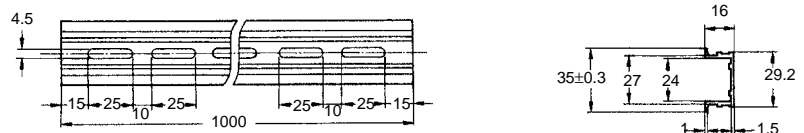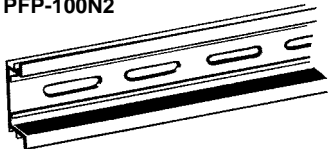
■ Rail and Accessories

Supporting Rail

PFP-100N
PFP-50N
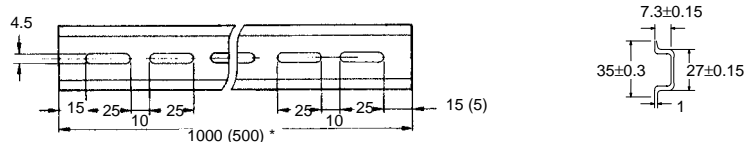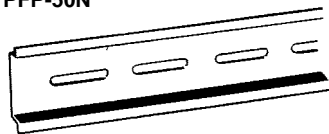
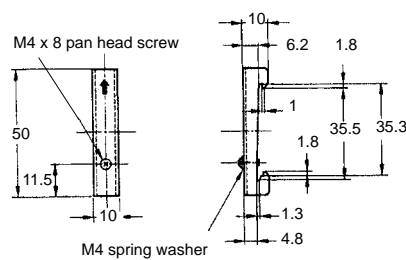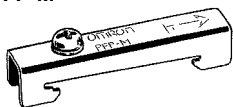**Note:**   The figure in the parentheses is for PFP-50N.
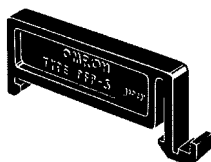
Supporting Rail

PFP-100N2

End Plate

PFP-M
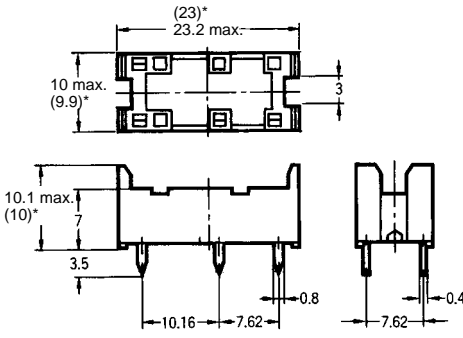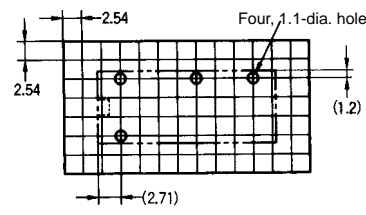
PFP-S
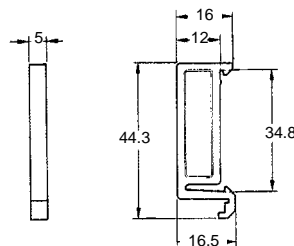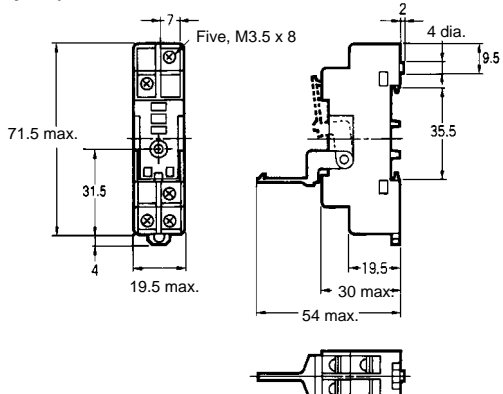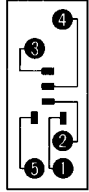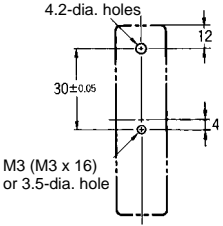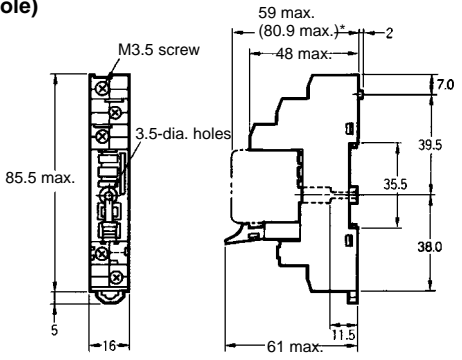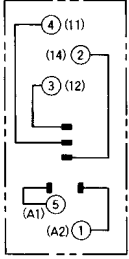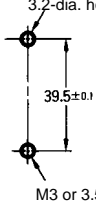
Dimensions
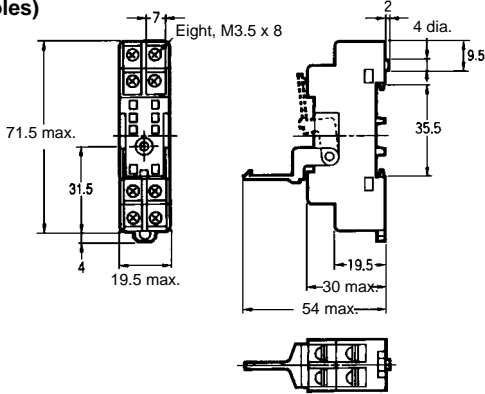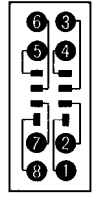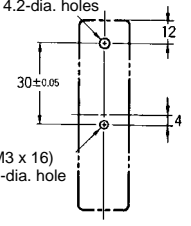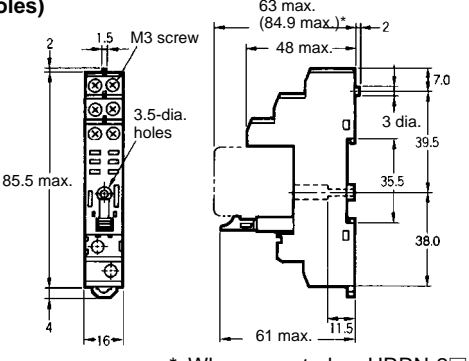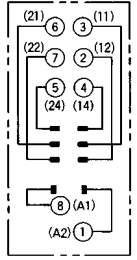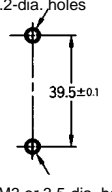
Note: All units are in millimeters unless otherwise indicated.

■ P6B

Dimensions	PCB dimensions
P6B-04P (23)* 23.2 max. 10 max. (9.9)* 3 10.1 max. (10)* 7 3.5 0.8 0.4 10.16 7.62 7.62	 2.54 Four, 1.1-dia. holes 2.54 (1.2) (2.71)
	* Average dimensions
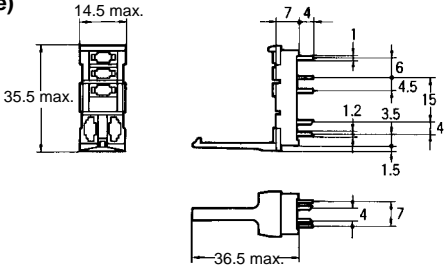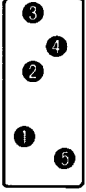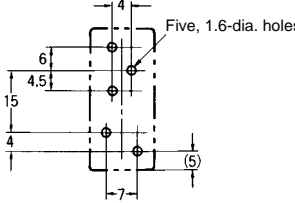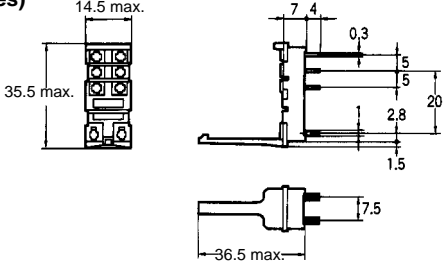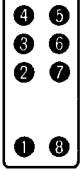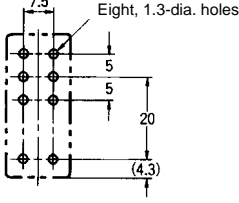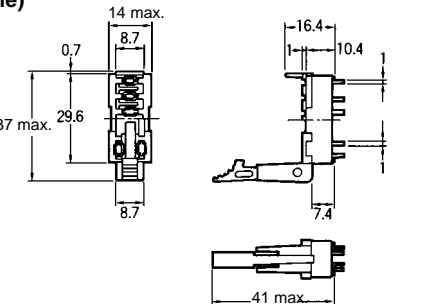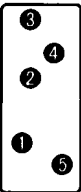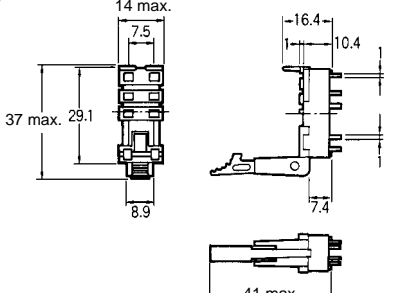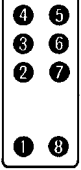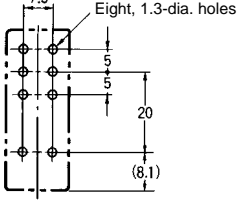
■ P2RF

Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes (top view)
P2RF-05 (One pole) 7 Five, M3.5 x 8 2 4 dia. 9.5 71.5 max. 35.5 31.5 4 19.5 19.5 max. 30 max. 54 max.	 ④ ③ ② ⑤ ①	 4.2-dia. holes 12 30±0.05 4 M3 (M3 x 16) or 3.5-dia. hole **Note:** Track mounting is also possible.
P2RF-05-E (One pole) 59 max. (80.9 max.)* 2 M3.5 screw 48 max. 7.0 3.5-dia. holes 39.5 85.5 max. 35.5 38.0 5 16 61 max. 11.5 * When mounted on H3RN-1□.	 ④ (11) (14) ② ③ (12) (A1) ⑤ (A2) ① **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.

Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes (top view)
P2RF-08 (Two poles) 7 Eight, M3.5 x 8 2 4 dia. 9.5 71.5 max. 35.5 31.5 19.5 30 max. 19.5 max. 54 max. 4	6 3 5 4 7 2 8 1	4.2-dia. holes 12 30 ± 0.05 4 M3 (M3 x 16) or 3.5-dia. hole **Note:** Track mounting is also possible.
P2RF-08-E (Two poles) 2 1.5 M3 screw 63 max. (84.9 max.)* 2 48 max. 7.0 3.5-dia. holes 3 dia. 39.5 85.5 max. 35.5 38.0 4 16 61 max. 11.5 * When mounted on HRRN-2□.	(21) 6 3 (11) (22) 7 2 (12) 5 4 (24) (14) 8 (A1) (A2) 1 **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.
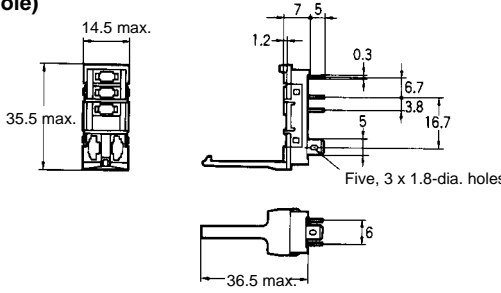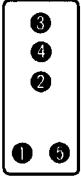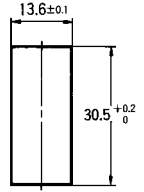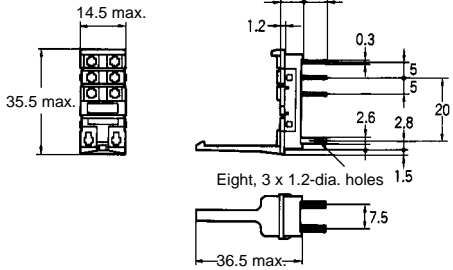
Note: When indicator modules with an I/O SSR are used, the No. 1 pin becomes positive.

■ P2R

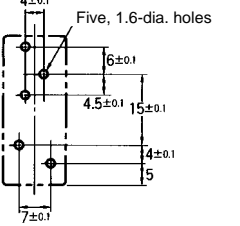| Dimensions	Terminal arrangement/Internal connections (bottom view)	PCB dimensions (bottom view)
P2R-05P (One pole) 14.5 max. 35.5 max. 7 4 6 4.5 15 1.2 3.5 4 1.5 4 7 36.5 max.	**❸** **❹** **❷** **❶** **❺**	4 Five, 1.6-dia. holes 6 4.5 15 4 (5) 7
P2R-08P (Two poles) 14.5 max. 35.5 max. 7 4 0.3 5 5 20 2.8 1.5 7.5 36.5 max.	**❹ ❺** **❸ ❻** **❷ ❼** **❶ ❽**	7.5 Eight, 1.3-dia. holes 5 5 20 (4.3)
P2R-057P (One pole) 14 max. 8.7 0.7 37 max. 29.6 8.7 16.4 1 10.4 7.4 41 max.	**❸** **❹** **❷** **❶** **❺**	4±0.1 Five, 1.6-dia. holes 6±0.1 4.5±0.1 15±0.1 4±0.1 5 7±0.1
P2R-087P (Two poles) 14 max. 7.5 37 max. 29.1 8.9 16.4 1 10.4 7.4 41 max.	**❹ ❺** **❸ ❻** **❷ ❼** **❶ ❽**	7.5 Eight, 1.3-dia. holes 5 5 20 (8.1)
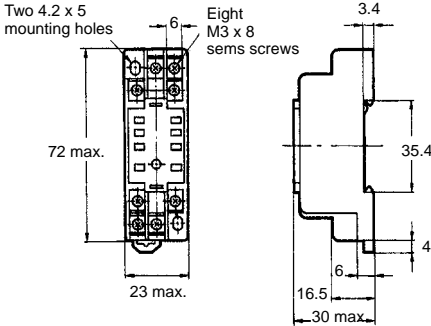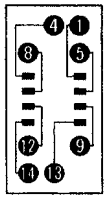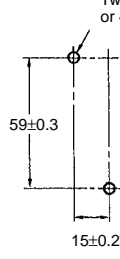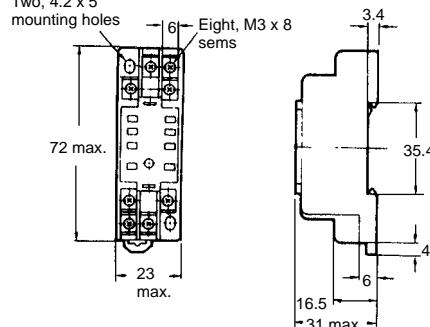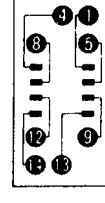
Note: When indicator modules with an I/O SSR are used, the No. 1 pin becomes positive.

■ **P2R/P7TF**
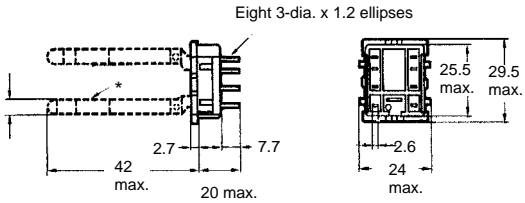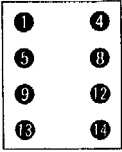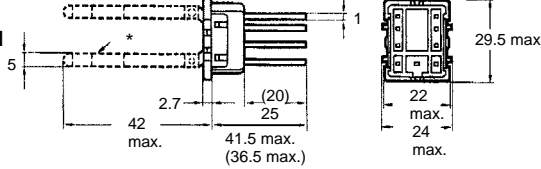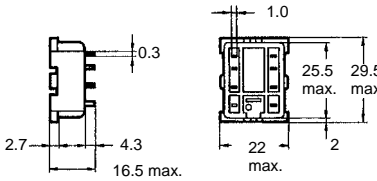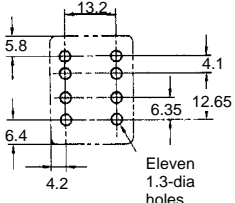
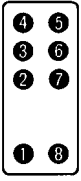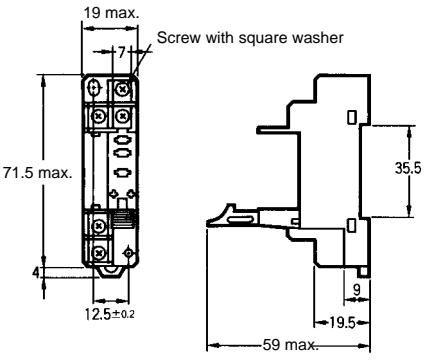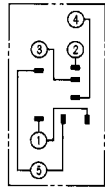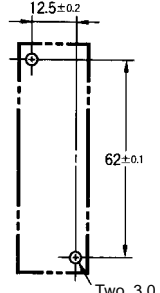| Dimensions	Terminal arrangement/Internal connections	Mounting holes
P2R-05A (One pole) 14.5 max. 35.5 max. 7 5 1.2 0.3 6.7 3.8 5 16.7 6 Five, 3 x 1.8-dia. holes 36.5 max.	**(Bottom view)**	13.6±0.1 30.5 $^{+0.2}_{0}$ Use panel with thickness of 1.6 to 2.0 mm.
P2R-08A (Two poles) 14.5 max. 35.5 max. 7.5 6.5 1.2 0.3 5 5 2.6 2.8 20 Eight, 3 x 1.2-dia. holes 1.5 7.5 36.5 max.	**(Bottom view)**	
P7TF-05 19 max. Screw with square washer 7 71.5 max. 35.5 4 9 12.5±0.2 19.5 59 max.	**(Top view)**	12.5±0.2 62±0.1 Two, 3.0 dia. **(Top view)** **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
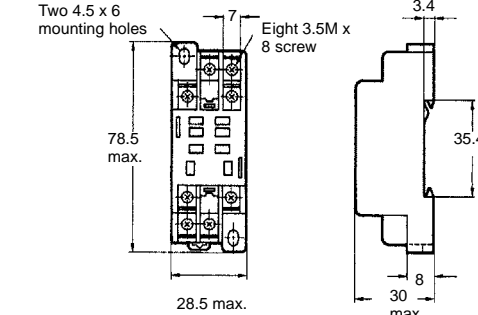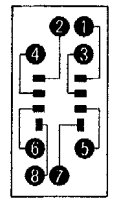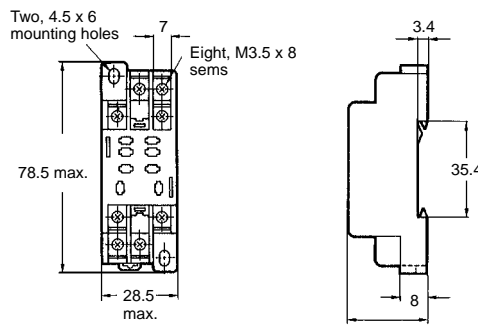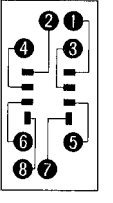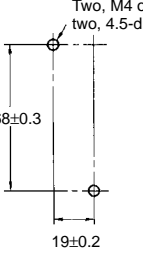
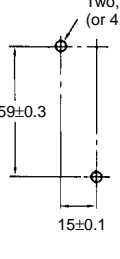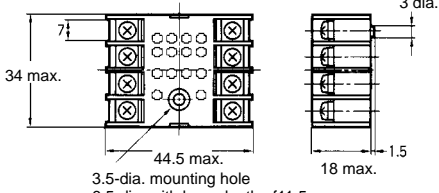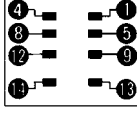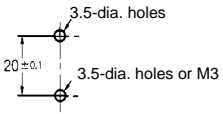| Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes
PFY08A PYF08A-TU Two 4.2 x 5 mounting holes · 6 · Eight M3 x 8 sems screws · 3.4 · 72 max. · 35.4 · 4 · 23 max. · 6 · 16.5 · 30 max.	4 1, 8 5, 12 9, 14 13	Two M3, M4, or 4.5-dia. holes · 59±0.3 · 15±0.2 · **Note:** Track mounting is also possible.
PYF08A-E Two, 4.2 x 5 mounting holes · 6 · Eight, M3 x 8 sems · 3.4 · 72 max. · 35.4 · 4 · 23 max. · 6 · 16.5 · 31 max.	4 1, 8 5, 12 9, 13 13	Two, M3 or M4 (or 4.5-dia.) holes · 59±0.3 · 15±0.1 · **Note:** Track mounting is also possible.
PYF08M 7 · 34 max. · 44.5 max. · 3.5-dia. mounting hole 6.5-dia. with bore depth of 11.5 · 3 dia. · 18 max. · 1.5	4 1, 8 5, 12 9, 14 13	3.5-dia. holes · 20±0.1 · 3.5-dia. holes or M3

■ PY Dimensions

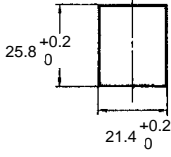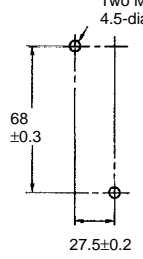| Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes
PY08 **PY08-Y1** **PY08-Y3** Eight 3-dia. x 1.2 ellipses * 2.7 — 7.7 42 max. 20 max. 25.5 max. 29.5 max. 2.6 24 max. **Note:** PY08-Y1 includes the part outlined by the dashed lines above.	❶ ❹ ❺ ❽ ❾ ❿ ⓭ ⓮	25.8 $^{+0.2}_{0}$ 21.4 $^{+0.2}_{0}$
PY08QN **PY08QN2** **PY08QN-Y1** **PY08QN2-Y1** * 5 1 29.5 max. 2.7 — (20) 25 42 max. 41.5 max. (36.5 max.) 22 max. 24 max. **Note:** 1. PY080N(2)-Y1 includes the part outlined by the dashed lines above. 2 The figures in the parentheses are for PY080N2.		
PY08-02 1.0 0.3 2.7 — 4.3 16.5 max. 25.5 max. 29.5 max. 22 max. 2 **Note:** PY08-Y1 includes the part outlined by the dashed lines above.		13.2 5.8 4.1 6.35 12.65 6.4 4.2 Eleven 1.3-dia holes
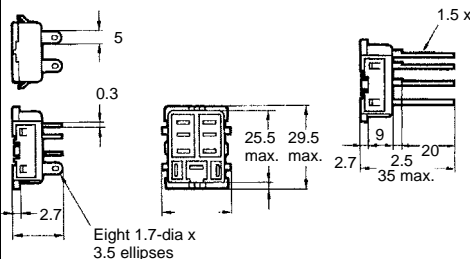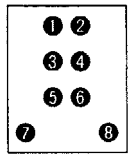
Note: 1. Use a panel with a thickness of 1 to 2 mm when mounting a socket on it.

2. The "*" marked length for PY□-Y2 is 49 max.

3. The "*" marked length for PY□-Y2 is 49 max.

■ PTF Dimensions

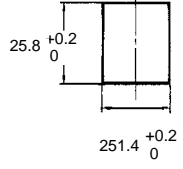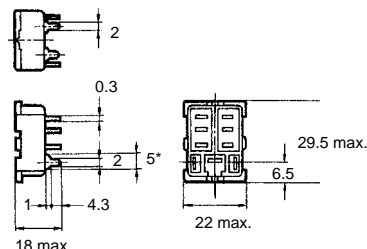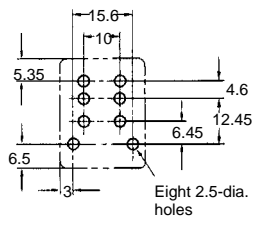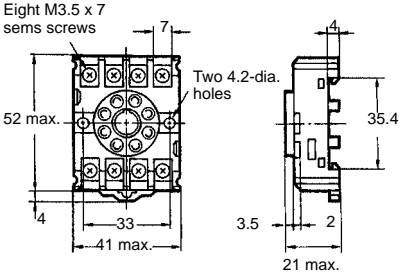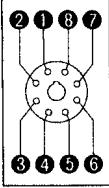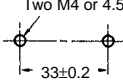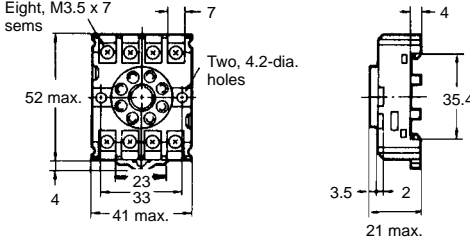| Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes
PTF08A **PTF08A-TU** Two 4.5 x 6 mounting holes 7 Eight 3.5M x 8 screw 3.4 78.5 max. 35.4 28.5 max. 8 30 max.		Two M4 or 4.5-dia. holes 68 ±0.3 27.5±0.2 **Note:** Rail-mounting is available. See page 247.
PTF08A-E Two, 4.5 x 6 mounting holes 7 Eight, M3.5 x 8 sems 3.4 78.5 max. 35.4 28.5 max. 8 32.65 max.		Two, M4 or two, 4.5-dia. holes 68±0.3 19±0.2
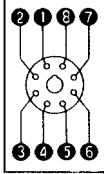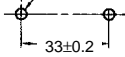
Note: If PTF08A and PT08 are used in combination with LY1 with a total current flow of 10 A minimum, terminals 1 and 2, 3 and 4, 5 and 6 respectively should be short-circuited.

■ PT Dimensions

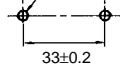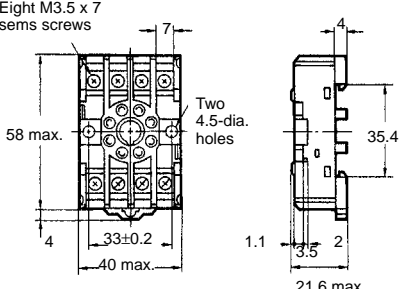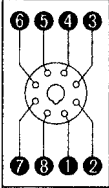| Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes
PT08 **PT08QN** 5 0.3 1.5 x 10 25.5 29.5 max. max. 1.0 25.5 29.5 max. max. 9 20 1.5 24 max. 2.7 2.7 2.5 35 max. Eight 1.7-dia x 3.5 ellipses		25.8 $^{+0.2}_{0}$ 251.4 $^{+0.2}_{0}$
PT08-0 2 0.3 2 5* 29.5 max. 1 4.3 6.5 18 max. 22 max. *A proper distance between the socket and PC board patterns should be kept.		15.6 10 5.35 4.6 12.45 6.45 6.5 3 Eight 2.5-dia. holes The tolerance is ±0.1.

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

■ PF Dimensions

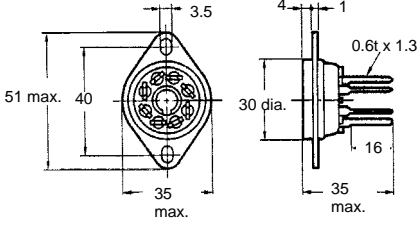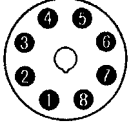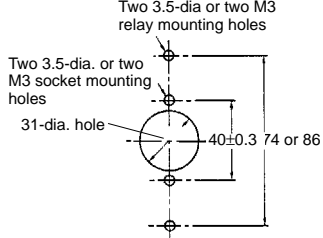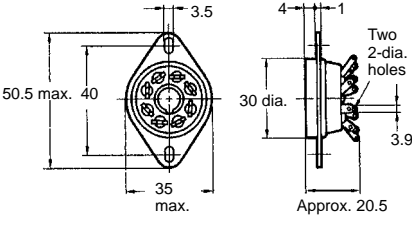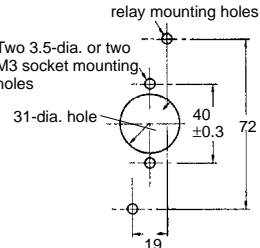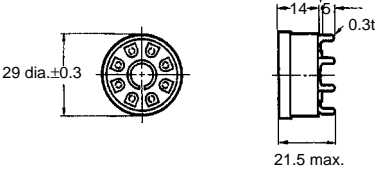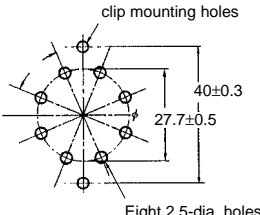| Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes
PF083A Eight M3.5 x 7 sems screws · 7 · Two 4.2-dia. holes · 52 max. · 35.4 · 4 · 4 · 33 · 3.5 · 2 · 41 max. · 21 max.	(top view diagram: ❷❶❽❼ / ❸❹❺❻)	Two M4 or 4.5-dia. holes · 33±0.2 **Note:** Rail-mounting is available. See page 247.
PF083A-E Eight, M3.5 x 7 sems · 7 · Two, 4.2-dia. holes · 52 max. · 35.4 · 4 · 23 · 33 · 4 · 41 max. · 3.5 · 2 · 21 max.	(top view diagram: ❷❶❽❼ / ❸❹❺❻)	Two, M4 or two, 4.5-dia. holes · 33±0.2
PF085A Eight M3.5 x 7 sems screws · 7 · Two 4.5-dia. holes · 58 max. · 35.4 · 4 · 4 · 33±0.2 · 1.1 · 3.5 · 2 · 40 max. · 21.6 max.	(top view diagram: ❻❺❹❸ / ❼❽❶❷)	Two M4 or 4.5-dia. holes · 33±0.2 **Note:** Rail-mounting is available. See page 247.

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

■ PL Dimensions

Dimensions	Terminal arrangement/Internal connections (top view)	Mounting holes
PL08 		
PL08-Q 		
PLE08-O 		

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