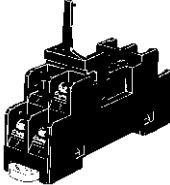
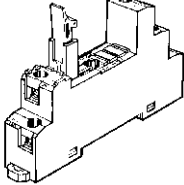
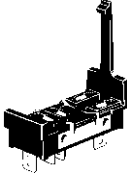
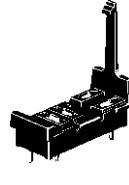
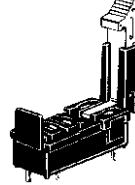
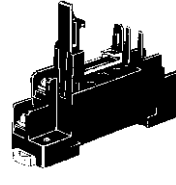
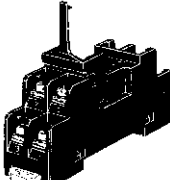
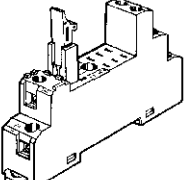
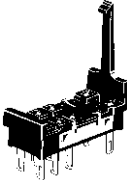
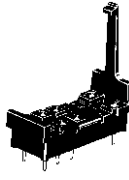
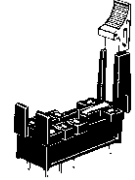


General-purpose Relays and Power Relays

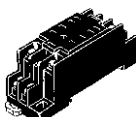
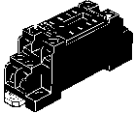
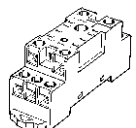
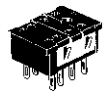
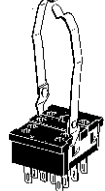
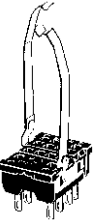
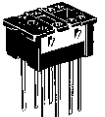
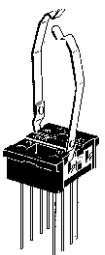
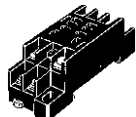
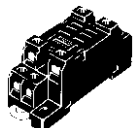
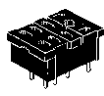
# Sockets

# Square Sockets

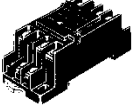
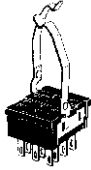
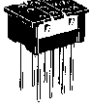
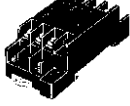
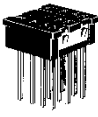
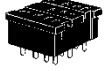
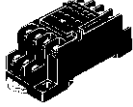
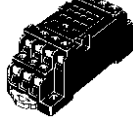
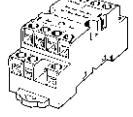
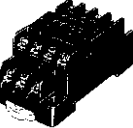
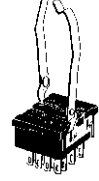
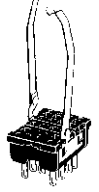
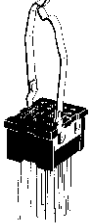
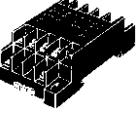
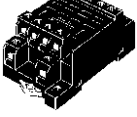
| Item   | P2RF<br>(Track-mounting)<br>*see page 246                                                                           |                                                                                                                       | P2R<br>*see page 248                               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

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

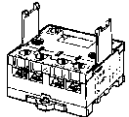
# Square Sockets

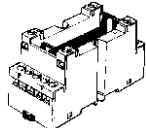
| Item   | PYF<br>(Track-mounting)<br>*see page 250                                                                                                                                                                                                                                                         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

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

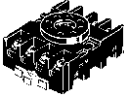
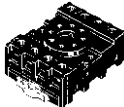
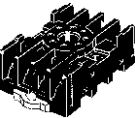
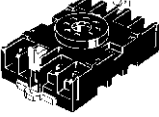
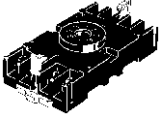
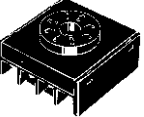
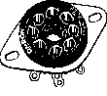
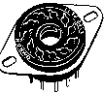
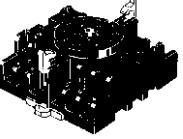
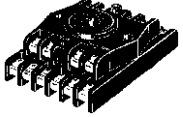
| Item    | PYF<br>(Track-mounting)<br>*see page 250                                                                                                                                                                                                                                                        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

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

| Item   | P7LF<br>(Track-mounting)<br>*see page 256                                                                             |
|--------|-----------------------------------------------------------------------------------------------------------------------|
|        | Screw terminal                                                                                                        |
| 6 pins | <b>P7LF-06</b><br>Approx. 60 g<br> |

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

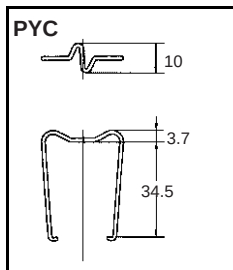
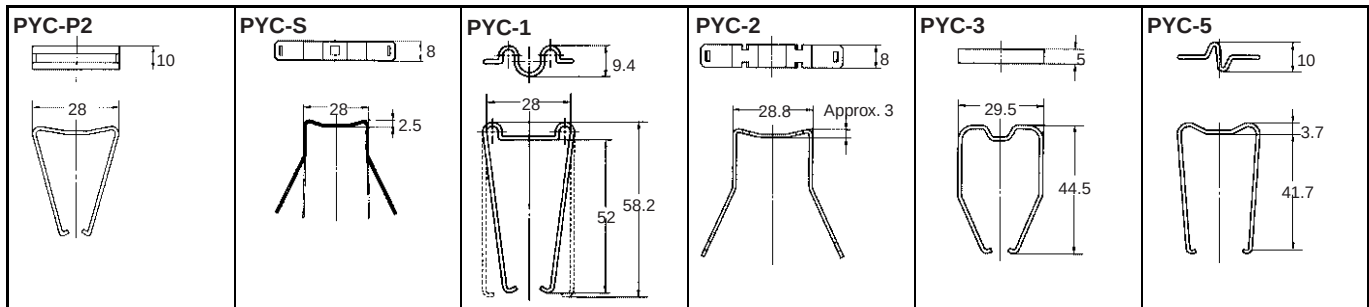
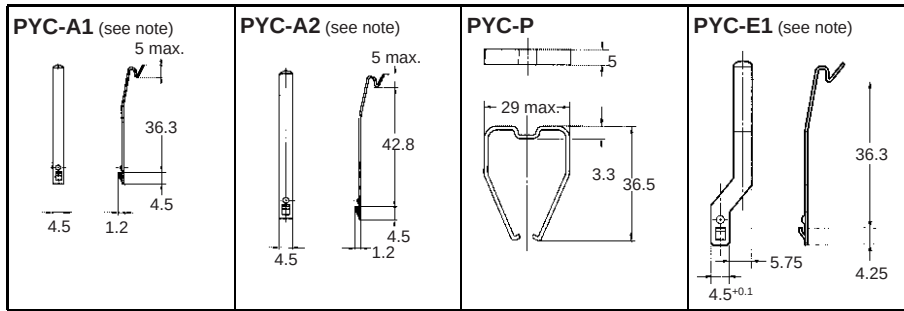
# Round Sockets

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

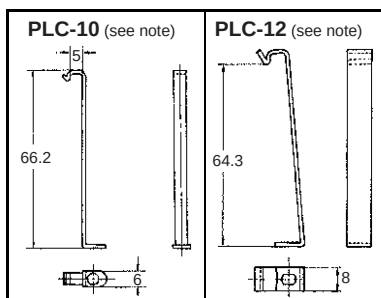
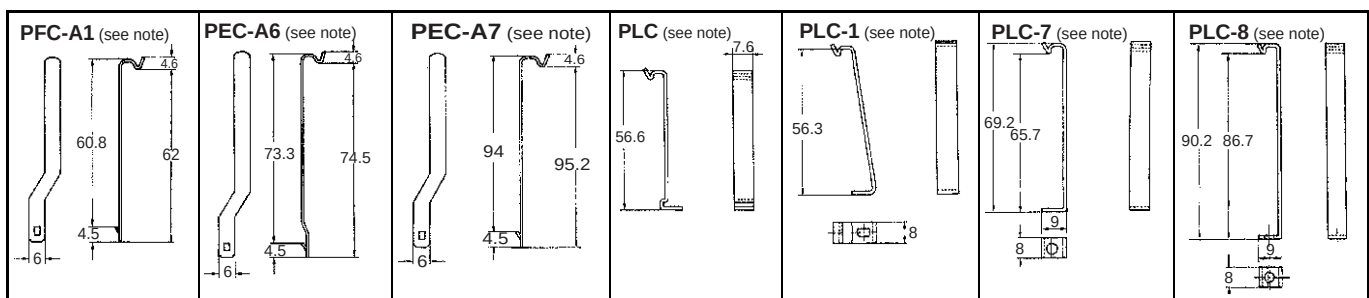
**Note:** This model succeeds the P3G-11 for which production was stopped in March 1991.

# ■ 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:<br>1,000 VAC for 1 min<br>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<br>Between contacts of same polarity:<br>1,000 VAC for 1 min<br>Between coil and contact: 4,000 VAC for 1 min                                                                     | 1,000 MΩ min.                      |
| P2R-057P    | 10 A             | Between contacts of same polarity:<br>1,000 VAC for 1 min<br>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<br>Between contacts of same polarity:<br>1,000 VAC for 1 min<br>Between coil and contact: 5,000 VAC for 1 min                                                                     | 1,000 MΩ min.                      |
| P2R-05A     | 10 A             | Between contacts of same polarity:<br>1,000 VAC for 1 min<br>Between ground terminal and other terminals: 1,500 VAC for 1 min<br>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<br>Between contacts of same polarity:<br>1,000 VAC for 1 min<br>Between ground terminal and other terminals: 1,500 VAC for 1 min<br>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.                        |

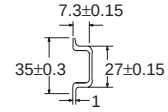
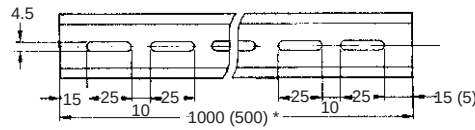
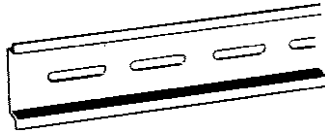
| Item     | Carry current | Dielectric strength                                                                                                                                                   | Insulation resistance (see note 2) |
|----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| P7LF-06  | 30 A          | Between contact of different polarity: 2,000 VAC for 1 min<br>Between contacts of same polarity: 2,000 VAC for 1 min<br>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<br>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<br>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

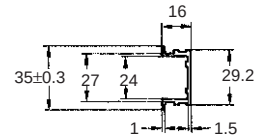
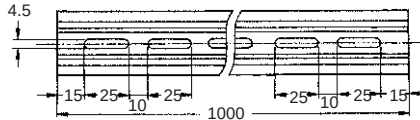
PFP-100N  
PFP-50N



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

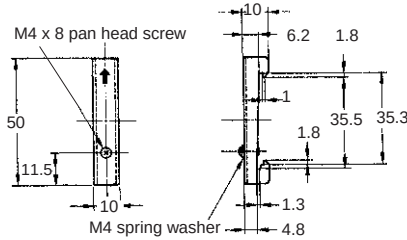
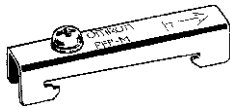
### Mounting Track

PFP-100N2



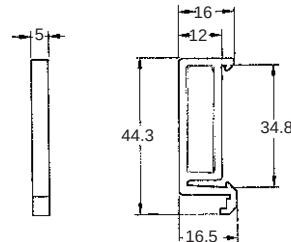
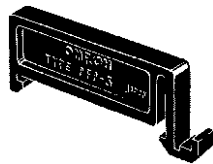
### End Plate

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

| Dimensions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Terminal arrangement/<br>Internal connections<br>(top view)                                                                                                                                                                                                                                                                                | Mounting holes (top view)                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>P2RF-08-E (Two poles)</b></p> <p>Technical drawing showing front and side views of the P2RF-08-E relay. The front view shows a height of 85.5 max. and a width of 16. The side view shows a total width of 63 max. (84.9 max. when mounted on H3RN-2□), a mounting hole diameter of 3.5, and a terminal hole diameter of 3.2. Dimensions for the terminal block are 48 max. and 2. The terminal block has 8 pins, with dimensions 7.0, 39.5, 35.5, and 39.0. The mounting holes are 3.2-dia. and 39.5±0.1 apart. The relay is secured with an M3 screw.</p> <p>* When mounted on H3RN-2□.</p> | <p>Diagram showing the terminal arrangement and internal connections. The terminals are labeled (21) 8, (11) 3, (22) 7, (12) 2, (5) 4, (24) 14, (8) (A1), and (A2) 1. The internal connections show a cross-over between pins 8 and 14, and between pins 3 and 1.</p> <p><b>Note:</b> Figures in parentheses are DIN standard numbers.</p> | <p>Diagram showing the mounting holes. The holes are 3.2-dia. and 39.5±0.1 apart. The mounting holes are M3 or 3.5-dia. holes.</p> <p><b>Note:</b> Track-mounting is also possible.</p> |

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

■ P2R

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

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

■ P2R/P7TF

| Dimensions                                                                                                                                                          | Terminal arrangement/<br>Internal connections | Mounting holes                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <p><b>P2R-05A (One pole)</b></p> <p>14.5 max.<br/>35.5 max.<br/>7 5<br/>1.2 0.3 6.7 3.8 16.7<br/>Five, 3 x 1.8-dia. holes<br/>6<br/>36.5 max.</p>                   | <p>(Bottom view)</p>                          | <p>13.6±0.1<br/>30.5<sup>+0.2</sup><sub>0</sub></p> <p>Use panel with thickness of 1.6 to 2.0 mm.</p> |
| <p><b>P2R-08A (Two poles)</b></p> <p>14.5 max.<br/>35.5 max.<br/>7.5 6.5<br/>1.2 0.3 5 5 20<br/>2.5 2.8 1.5<br/>Eight, 3 x 1.2-dia. holes<br/>7.5<br/>36.5 max.</p> | <p>(Bottom view)</p>                          | <p>13.6±0.1<br/>30.5<sup>+0.2</sup><sub>0</sub></p> <p>Use panel with thickness of 1.6 to 2.0 mm.</p> |
| <p><b>P7TF-05</b></p> <p>19 max.<br/>7<br/>Screw with square washer<br/>71.5 max.<br/>4<br/>12.5±0.2<br/>35.5<br/>9<br/>19.5<br/>59 max.</p>                        | <p>(Top view)</p>                             | <p>12.5±0.2<br/>62±0.1<br/>Two, 3.0 dia.</p> <p><b>Note:</b> Track-mounting is also possible.</p>     |

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

# ■ PYF Dimensions

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

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

# ■ PY Dimensions

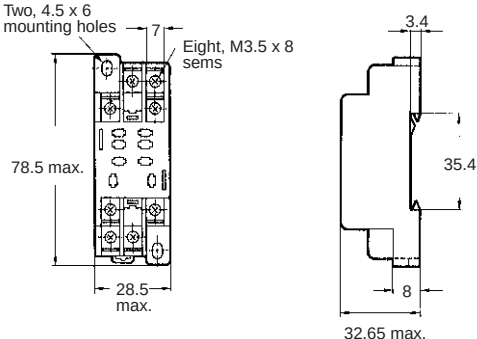
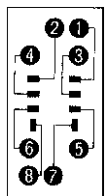
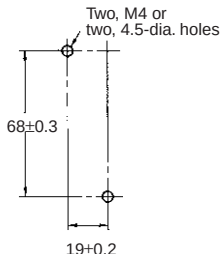
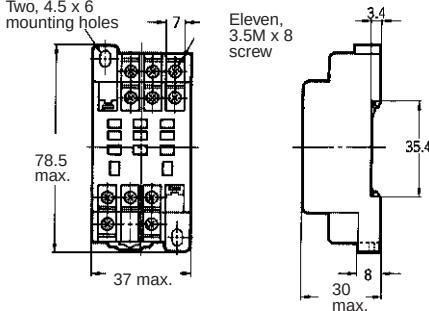
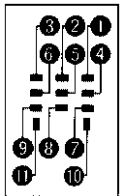
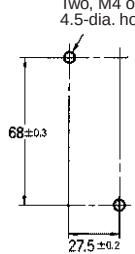
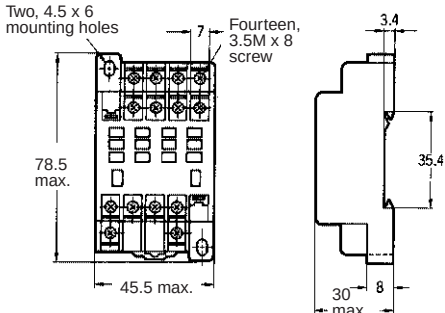
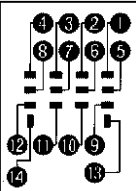
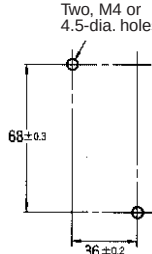
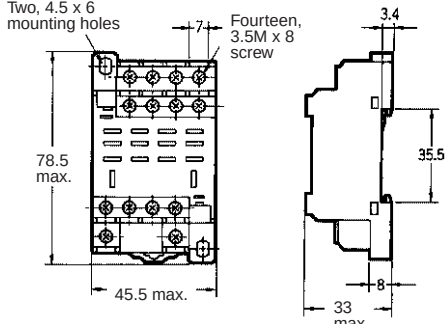
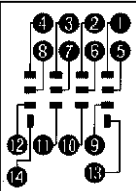
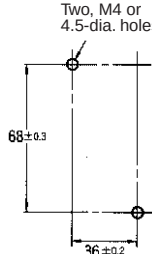
| Dimensions                                                                                                                                                                                                                                                                                                                                                                 | Terminal arrangement/<br>Internal connections<br>(bottom view) | Mounting holes |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------|
| <p><b>PY08</b><br/><b>PY08-Y1</b><br/><b>PY08-Y3</b></p> <p>Side view dimensions: 5, 42 max., 2.7, 7.7, 20 max.<br/>Front view dimensions: 25.5 max., 29.5 max., 2.6, 24 max.<br/>Note: Eight, 3-dia. x 1.2 ellipses</p> <p><b>Note:</b> PY08-Y1 includes the part outlined by the dashed lines above.</p>                                                                 |                                                                |                |
| <p><b>PY08QN</b><br/><b>PY08QN2</b><br/><b>PY08QN-Y1</b><br/><b>PY08QN2-Y1</b></p> <p>Side view dimensions: 5, 42 max., 2.7, (20), 25, 41.5 max. (36.5 max.), 29.5 max.<br/>Front view dimensions: 22 max., 24 max.<br/>Note: 1. PY08QN(2)-Y1 includes the part outlined by the dashed lines above.<br/>2. The figures in the parentheses are for PY08QN2.</p>             |                                                                |                |
| <p><b>PY08-02</b></p> <p>Side view dimensions: 2.7, 4.3, 16.5 max.<br/>Front view dimensions: 1.0, 25.5 max., 29.5 max., 22 max., 2.<br/>Note: PY08-Y1 includes the part outlined by the dashed lines above.</p>                                                                                                                                                           |                                                                |                |
| <p><b>PY11</b><br/><b>PY11-Y1</b></p> <p>Side view dimensions: 5, 42 max., 2.7, 7.7, 20 max.<br/>Front view dimensions: 25.5 max., 29.5 max., 2.6, 24 max.<br/>Note: Eleven, 3-dia. x 1.2 ellipses</p> <p><b>Note:</b> PY11-Y1 includes the part outlined by the dashed lines above.</p>                                                                                   |                                                                |                |
| <p><b>PY11QN</b><br/><b>PY11QN2</b><br/><b>PY11QN-Y1</b><br/><b>PY11QN2-Y1</b></p> <p>Side view dimensions: 5, 42 max., 2.7, (20) **, 25, 41.5 max. (36.5 max.) **, 29.5 max.<br/>Front view dimensions: 22 max., 24 max.<br/>Note: 1. PY11QN(2)-Y1 includes the part outlined by the dashed lines above.<br/>2. The figures in the parentheses are for PY11QN2 (-Y1).</p> |                                                                |                |
| <p><b>PY11-02</b></p> <p>Side view dimensions: 2.7, 4.3, 16.5 max.<br/>Front view dimensions: 1.0, 25.5 max., 29.5 max., 22 max., 2.<br/>Note: PY11-Y1 includes the part outlined by the dashed lines above.</p>                                                                                                                                                           |                                                                |                |

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

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

## PTF Dimensions

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

| Dimensions                                                                                             | Terminal arrangement/<br>Internal connections<br>(top view)                          | Mounting holes (top view)                                                                                                                        |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PTF08A-E</b><br>   |    | <br><b>Note:</b> Track-mounting is available. See page 245.   |
| <b>PTF11A</b><br>     |    | <br><b>Note:</b> Track-mounting is available. See page 245.   |
| <b>PTF14A</b><br>    |  | <br><b>Note:</b> Track-mounting is available. See page 245. |
| <b>PTF14A-E</b><br> |  | <br><b>Note:</b> 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/<br>Internal connections<br>(bottom view) | Mounting holes                                |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------|
| <p><b>PT08</b></p> <p>PT08QN</p> <p>Eight, 1.7-dia. x 3.5 ellipses</p>                   |                                                                |                                               |
| <p><b>PT08-0</b></p> <p>*Keep a proper distance between the Socket and PCB patterns.</p> |                                                                | <p>The tolerance is <math>\pm 0.1</math>.</p> |
| <p><b>PT11</b></p> <p>PT11QN</p> <p>Eleven, 1.7-dia. x 3.5 holes</p>                     |                                                                |                                               |
| <p><b>PT11-0</b></p> <p>*Keep a proper distance between the Socket and PCB patterns.</p> |                                                                | <p>The tolerance is <math>\pm 0.1</math>.</p> |

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

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

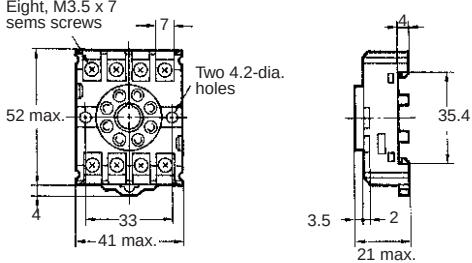
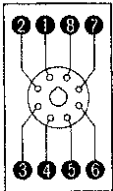
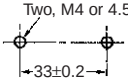
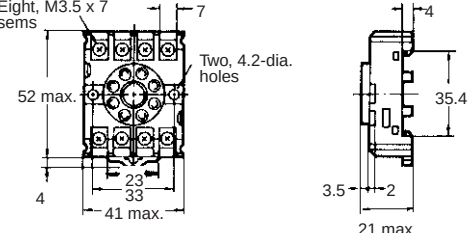
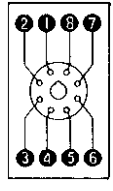
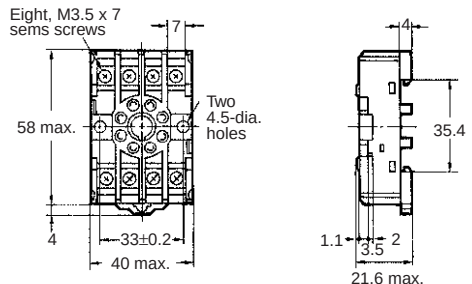
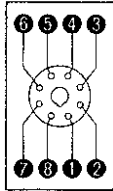
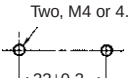
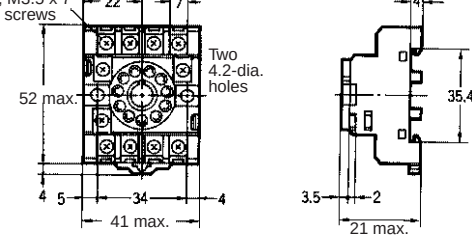
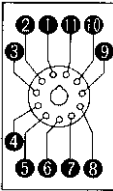
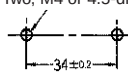
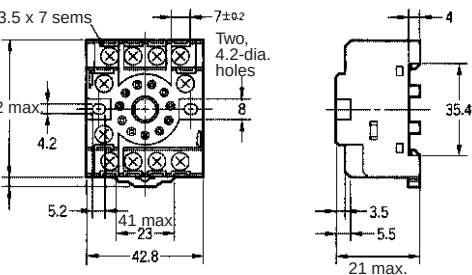
## ■ P7LF Dimensions

| Dimensions     | Terminal arrangement/<br>Internal connections<br>(top view) | Mounting holes |
|----------------|-------------------------------------------------------------|----------------|
| <b>P7LF-06</b> |                                                             |                |

# P7S Dimensions

| Dimensions                                                                                                                                                           | Terminal arrangement/<br>Internal connections        | Mounting holes                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>P7S-14F</b><br><p>40 max.<br/>33±0.1<br/>Fourteen, M3.0<br/>7<br/>4<br/>5<br/>90.5 max.<br/>3.1<br/>40 max.<br/>5.9<br/>18<br/>39<br/>47 max.</p>                 | <p>(top view)</p>                                    | <p>Two, M3.5 or 4.0-dia. holes<br/>33±0.1</p>                                                                              |
| <b>P7S-14A</b><br><p>61.5 max.<br/>23<br/>25 max.<br/>33 max.<br/>17.7<br/>10.1<br/>6<br/>7<br/>5×7=35<br/>12.2<br/>14.5</p>                                         | <p>G7S-4A2B</p> <p>G7S-3A3B</p> <p>(bottom view)</p> | <p>21±0.2<br/>57±0.2</p>                                                                                                   |
| <b>P7S-14P</b><br><p>61.5 max.<br/>23 max.<br/>28±0.2<br/>Two, 6.5 dia. × 7.9<br/>29 max.<br/>15.4<br/>11.6<br/>8<br/>7<br/>5×7=35<br/>12.2<br/>23 max.<br/>14.5</p> | <p>G7S-4A2B</p> <p>G7S-3A3B</p> <p>(bottom view)</p> | <p>4.2<br/>2.8<br/>16.4<br/>12.2<br/>14.5<br/>8<br/>17<br/>5<br/>7<br/>5×7=35<br/>Two, 3.6 dia.<br/>Fourteen, 1.8 dia.</p> |

## PF Dimensions

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

| Dimensions       | Terminal arrangement/<br>Internal connections<br>(top view) | Mounting holes |
|------------------|-------------------------------------------------------------|----------------|
| <b>PF202</b><br> |                                                             |                |

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

## ■ P2CF/PFA Dimensions

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

| Dimensions                                                                                                                                                                              | Terminal arrangement/<br>Internal connections<br>(top view) | Mounting holes                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>8PFA</b><br><p>Eight, M3.5 x 7<br/>sems screws</p> <p>Two, 4.5-dia.<br/>holes</p> <p>81 max.</p> <p>40±0.2</p> <p>51 max.</p> <p>7.8</p> <p>118 max.</p> <p>35.4</p> <p>24 max.</p>  |                                                             | <p>Two, 4.5-dia. mounting holes</p> <p>40±0.2</p> <p><b>Note:</b> Track-mounting is avail-<br/>able. See page 245.</p> |
| <b>8PFA1</b><br><p>Eight, M3.5 x 7<br/>sems screws</p> <p>Two, 4.5-dia.<br/>holes</p> <p>93 max.</p> <p>40±0.2</p> <p>51 max.</p> <p>7.8</p> <p>130 max.</p> <p>35.4</p> <p>24 max.</p> |                                                             | <p><b>Note:</b> Track-mounting is avail-<br/>able. See page 245.</p>                                                   |

## ■ PFA/P3G/P3GA Dimensions

| Dimensions                                                                                                                                                                                   | Terminal arrangement/<br>Internal connections<br>(top view) | Mounting holes                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>11PFA</b><br><p>Eleven, M3.5 x 7<br/>sems screws</p> <p>Two, 4.5-dia.<br/>holes</p> <p>81 max.</p> <p>40±0.2</p> <p>51 max.</p> <p>7.8</p> <p>118 max.</p> <p>35.4</p> <p>33.5 max.</p>   |                                                             | <p>Two, M4 or 4.5-dia. holes</p> <p>40±0.2</p> <p><b>Note:</b> Track-mounting is avail-<br/>able. See page 245.</p> |
| <b>14PFA</b><br><p>Fourteen, M3.5 x 7<br/>sems screws</p> <p>Two, 4.5-dia.<br/>holes</p> <p>81 max.</p> <p>60±0.2</p> <p>72 max.</p> <p>7.8</p> <p>118 max.</p> <p>35.4</p> <p>33.5 max.</p> |                                                             | <p>Two, M4 or 4.5-dia. holes</p> <p>60±0.2</p> <p><b>Note:</b> Track-mounting is avail-<br/>able. See page 245.</p> |

| Dimensions         | Terminal arrangement/<br>Internal connections<br>(top view) | Mounting holes |
|--------------------|-------------------------------------------------------------|----------------|
| <b>P3G-08</b><br>  |                                                             | ---            |
| <b>P3GA-11</b><br> |                                                             | ---            |

## ■ PL Dimensions

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

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

# ■ PL Dimensions

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