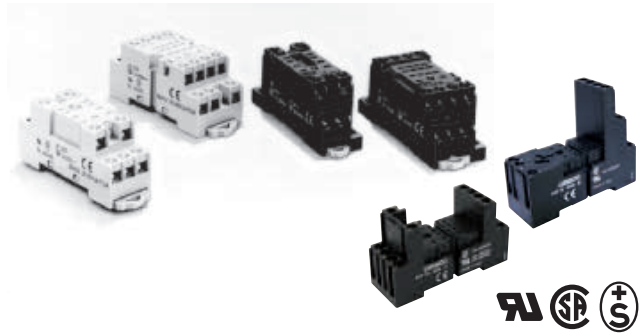


# Sockets for MY

## DIN-rail-mounted (DIN-rail) Socket Conforms to VDE 0106, Part 100

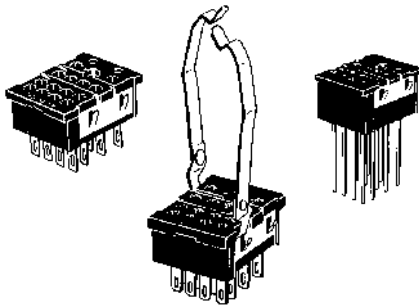
- Snap into position along continuous sections of any mounting DIN-rail.
- Facilitates sheet metal design by standardized mounting dimensions.
- Design with sufficient dielectric separation between terminals eliminates the need of any insulating sheet.



## ■ Safety Standards for Sockets

Model	Standards	File No.
PYF08A-E, PYF08A-N PYF14A-E, PYF14A-N	UL508 CSA22.2	E87929 LR31928
PYF14-ESN-B, PYF14-ESS-B	UL508 CSA22.2	E244189 LR225761

## Back-connecting Sockets




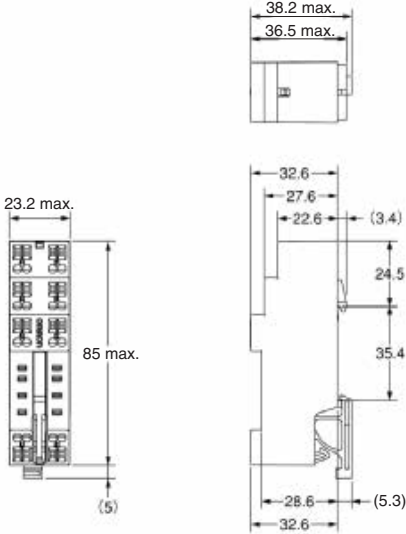
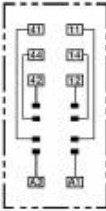

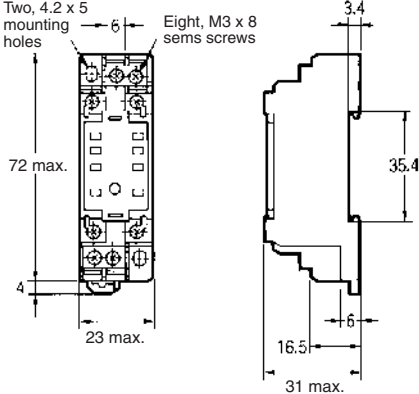
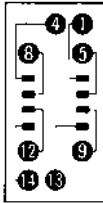
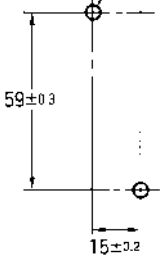

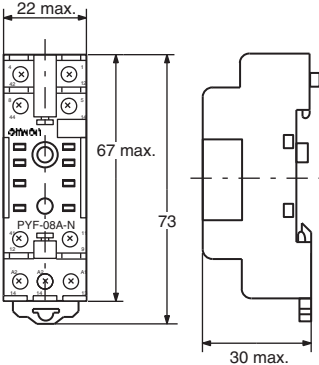
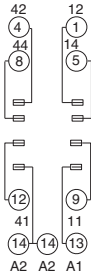
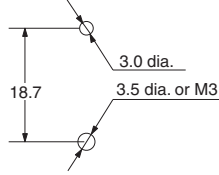
## ■ Specifications

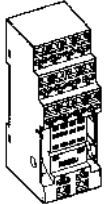
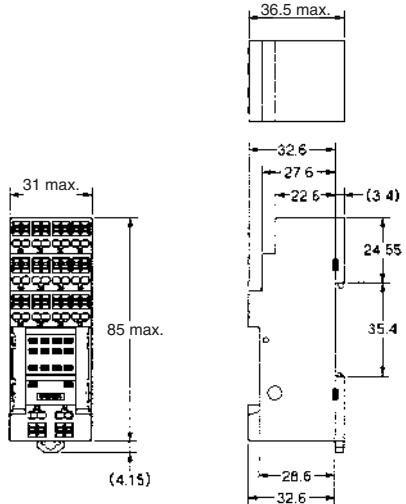
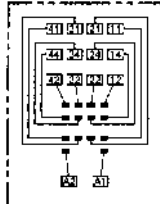
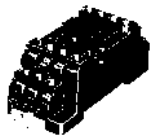
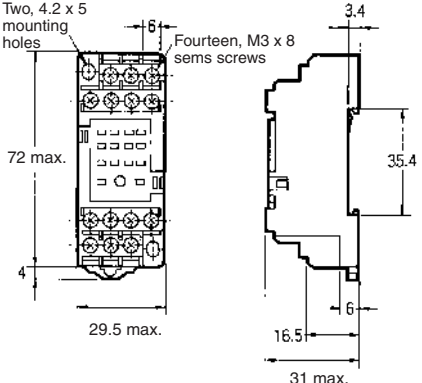
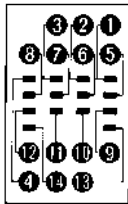
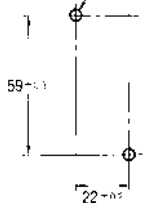
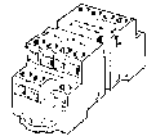
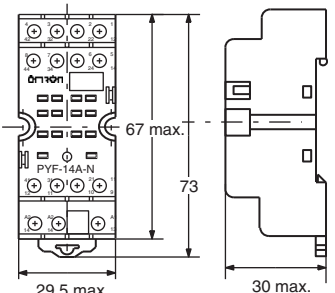
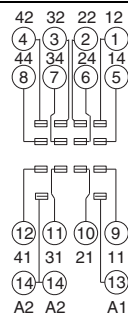
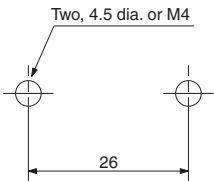
Item	Pole	Model	Carry current	Dielectric withstand voltage	Insulation resistance (see note 2)
Screwless Clamp Terminal Socket	2	PYF08S	10 A	2,000 VAC, 1 min	Less than 1,000 MΩ
	4	PYF14S	5 A		
DIN-rail-mounted Socket	2	PYF08A-E	7 A	2,000 VAC, 1 min	1,000 MΩ min.
		PYF08A-N (see note 3)	7 A (see note 4)		
	4	PYF14A-E	5 A		
		PYF14A-N (see note 3)	5 A (see note 4)		
4	PYF14-ESN-B/-ESS-B	12 A	> 3 kV	> 5 MΩ	
Back-connecting Socket	2	PY08(-Y1)	7 A	1,500 VAC, 1 min	100 MΩ min.
		PY08QN(-Y1)			
		PY08-02			
	4	PY14(-Y1)	3 A		
		PY14QN(-Y1)			
		PY14-02			


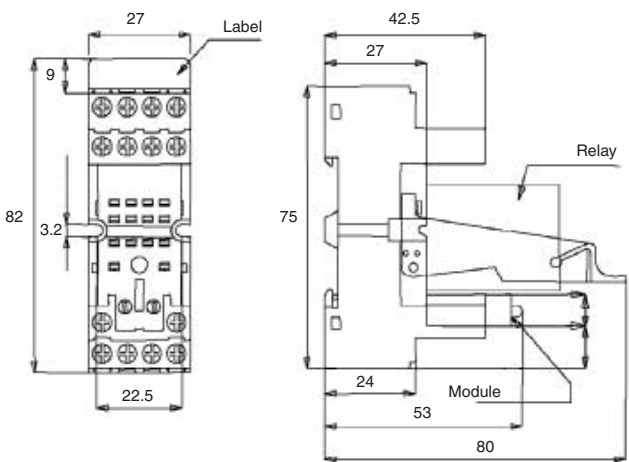
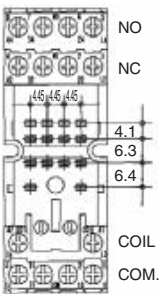

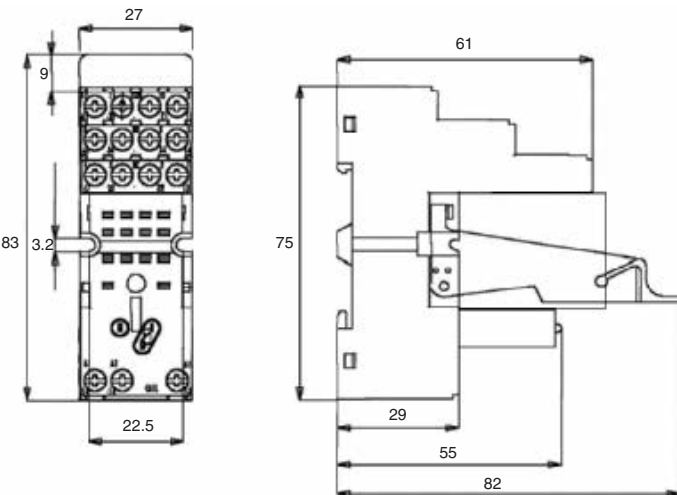
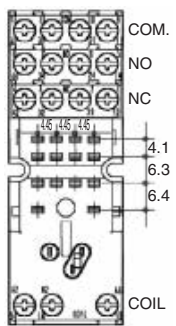
- Note:**
1. The values given above are initial values.
  2. The values for insulation resistance were measured at 500 V at the same place as the dielectric strength.
  3. The maximum operating ambient temperature for the PYF08A-N and PYF14A-N is 55°C.
  4. When using the PYF08A-N or PYF14A-N at an operating ambient temperature exceeding 40°C, reduce the current to 60%.
  5. The MY2(S) can be used at 70°C with a carry current of 7 A.

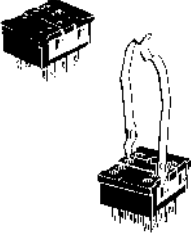
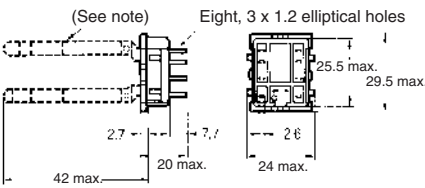
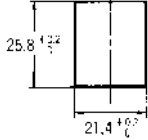
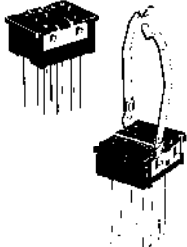
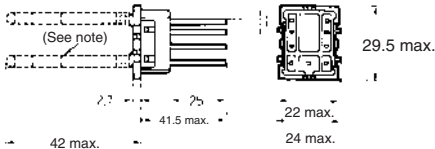
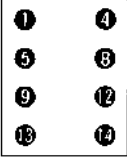

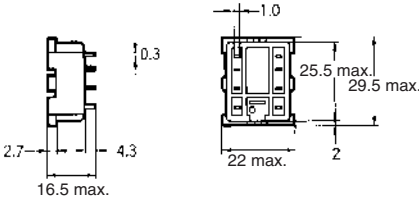
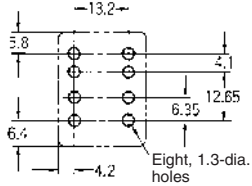
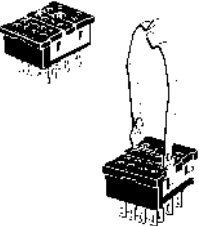
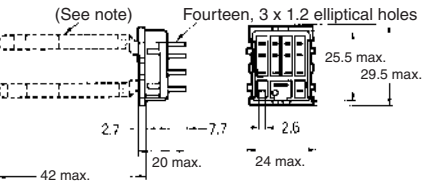
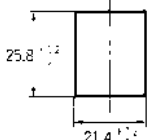
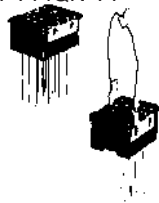
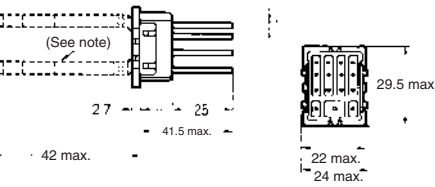
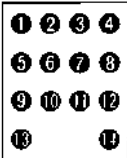
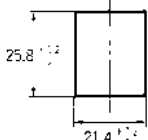

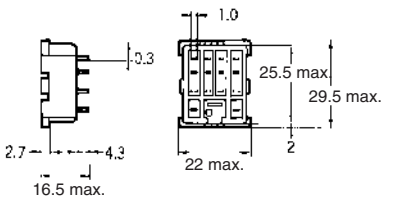
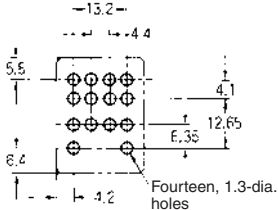
**■ Dimensions**

**Note:** All units are in millimeters unless otherwise indicated.

Socket	Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
 <p>PYF08S</p>	 <p>38.2 max. 36.5 max. 23.2 max. 85 max. (5) 32.6 27.6 22.6 (3.4) 24.5 35.4 28.6 (5.3) 32.6</p>		<p>---</p>
 <p>PYF08A-E</p>	 <p>Two, 4.2 x 5 mounting holes Eight, M3 x 8 sems screws 72 max. 4 23 max. 6 3.4 35.4 16.5 31 max. 6</p>		<p>Two, M3, M4, or 4.5-dia. holes</p>  <p>59 ± 0.3 15 ± 0.2 (TOP VIEW)</p> <p><b>Note:</b> DIN-rail mounting is also possible. Refer to page G-15-G-16 for supporting DIN-rails.</p>
 <p>PYF08A-N</p>	 <p>22 max. 67 max. 73 30 max.</p>	 <p>42 12 4 1 44 14 8 5 12 9 41 11 14 14 13 A2 A2 A1</p>	 <p>3.0 dia. 18.7 3.5 dia. or M3</p> <p><b>Note:</b> DIN-rail mounting is also possible. Refer to page G-15-G-16 for supporting DIN-rails.</p>

Socket	Dimensions	Terminal arrangement/ Internal connections (top view)	Mounting holes
<p>PYF14S</p> 			<p>---</p>
<p>PYF14A-E</p> 	<p>Two, 4.2 x 5 mounting holes</p> <p>Fourteen, M3 x 8 sems screws</p> 		<p>Two, M3, M4, or 4.5-dia. holes</p>  <p>(TOP VIEW)</p> <p><b>Note:</b> DIN-rail mounting is also possible. Refer to page G-15-G-16 for supporting DIN-rails.</p>
<p>PYF14A-N</p> 			<p>Two, 4.5 dia. or M4</p>  <p><b>Note:</b> DIN-rail mounting is also possible. Refer to page G-15-G-16 for supporting DIN-rails.</p>

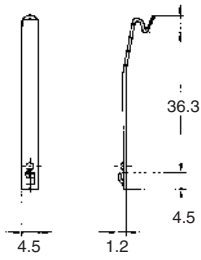
Socket	Dimensions	Terminal arrangement/ internal connections (top view)/ mounting holes
<p>PYF14-ESN-B</p> 		
<p>PYF14-ESS-B</p> 		

Socket	Dimensions	Terminal arrangement/ Internal connections (bottom view)	Mounting holes
<p>PY08/PY08-Y1</p> 	 <p>(See note) Eight, 3 x 1.2 elliptical holes</p> <p>25.5 max. 29.5 max. 2.7 7.7 2.6 42 max. 20 max. 24 max.</p> <p><b>Note:</b> The PY08-Y1 includes sections indicated by dotted lines.</p>		 <p>25.8<sup>+0.2</sup> 21.4<sup>+0.2</sup></p>
<p>PY08QN/ PY08QN-Y1</p> 	 <p>(See note)</p> <p>29.5 max. 2.7 2.5 41.5 max. 22 max. 24 max. 42 max.</p> <p><b>Note:</b> The PY08QN-Y1 includes sections indicated by dotted lines.</p>		
<p>PY08-02</p> 	 <p>0.3 1.0 25.5 max. 29.5 max. 2.7 4.3 16.5 max. 22 max. 2</p>		 <p>13.2 5.8 4.1 12.65 6.35 6.4 4.2 Eight, 1.3-dia. holes</p>
<p>PY14/PY14-Y1</p> 	 <p>(See note) Fourteen, 3 x 1.2 elliptical holes</p> <p>25.5 max. 29.5 max. 2.7 7.7 2.6 42 max. 20 max. 24 max.</p> <p><b>Note:</b> The PY14-Y1 includes sections indicated by dotted lines.</p>		 <p>25.8<sup>+0.2</sup> 21.4<sup>+0.2</sup></p>
<p>PY14QN/ PY14QN-Y1</p> 	 <p>(See note)</p> <p>29.5 max. 2.7 2.5 41.5 max. 22 max. 24 max. 42 max.</p> <p><b>Note:</b> The PY14QN-Y1 includes sections indicated by dotted lines.</p>		 <p>25.8<sup>+0.2</sup> 21.4<sup>+0.2</sup></p>
<p>PY14-02</p> 	 <p>0.3 1.0 25.5 max. 29.5 max. 2.7 4.3 16.5 max. 22 max. 2</p>		 <p>13.2 5.5 4.4 4.1 12.65 6.35 6.4 4.2 Fourteen, 1.3-dia. holes</p>

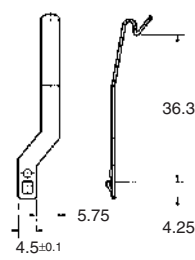
**Note:** Use a panel with plate thickness of 1 to 2 mm for mounting the Sockets.

## Hold-down Clips

**PYC-A1**  
(2 pcs per set)



**PYC-E1**  
(2 pcs per set)

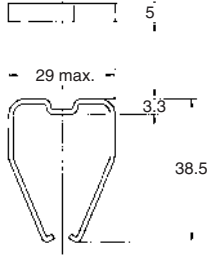


For sockets PYF14-ESN-B/-ESS-B

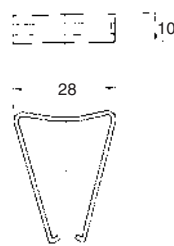
Model	Description
PYC-0	Metal spring clip (Used with Relay only)
PYC 35-B	Plastic holding clip (Used with Relay only)
PYC TR1	Thermoplastic writeable label

**Note:** For total dimensions with plastic clip please refer to drawings of the sockets.

**PYC-P**

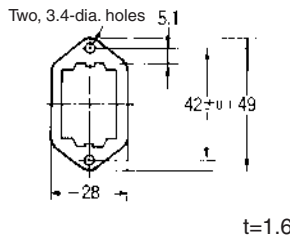


**PYC-P2**

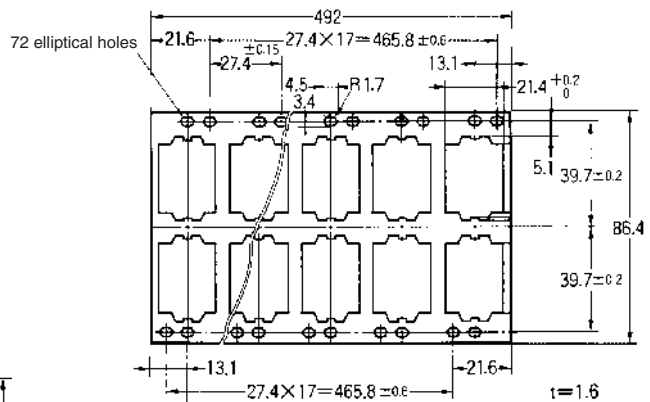


## Mounting Plates for Back-connecting Sockets

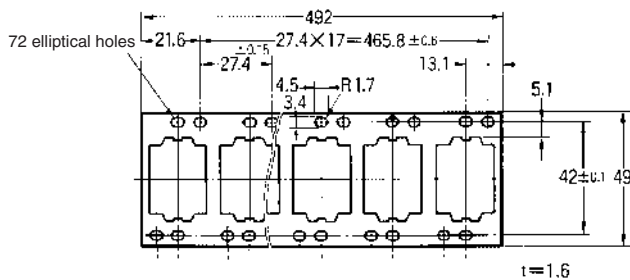
**PYP-1**



**PYP-36**



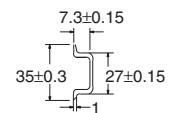
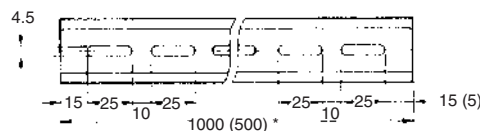
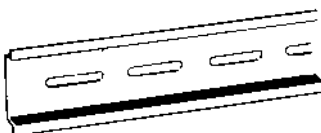
**PYP-18**



## DIN-rails and Accessories

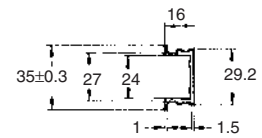
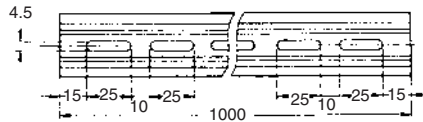
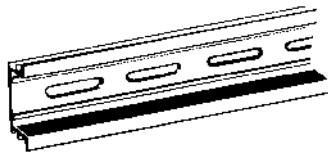
### Supporting DIN-rails

**PFP-50N/PFP-100N**



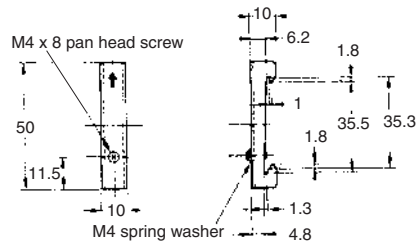
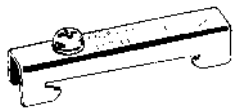
**Note:** The figure in the parentheses is for PFP-50N.

PFP-100N2



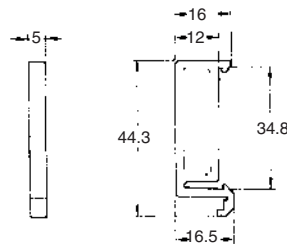
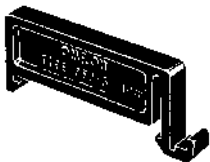
End Plate

PFP-M



Spacer

PFP-S



Precautions

Refer to *General Precautions* on page 11 of the *General-purpose Relays and Power Relays Group Catalog (X034)*.

■ Connections

Do not reverse polarity when connecting DC-operated Relays with built-in diodes or indicators or high-sensitivity DC-operated Relays.

■ Mounting

- Whenever possible, mount Relays so that it is not subject to vibration or shock in the same direction as that of contact movement.

**ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.**

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

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