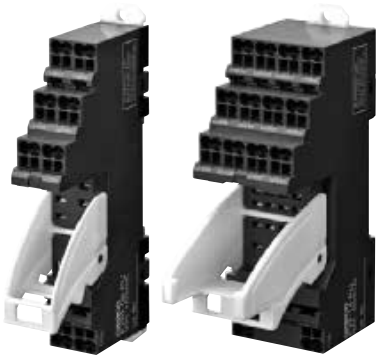
Push-In Plus technology Sockets
PYF-□□-PU/P2RF-□□-PU

Sockets with Push-In Plus technology to Save Work Added to Series for MY and G2R-S Relays

- Push-In Plus technology are used to save wiring work in comparison with traditional screw terminals.
  (Wiring time is reduced by 60%* in comparison with traditional screw terminals.)
- No screw loosening means maintenance-free application.
- Light insertion force and strong pull-out strength to achieve both less wiring work and high reliability.
- 'Hand-free' structure that holds an inserted screwdriver to achieve easier wiring work for stranded wires.
- Two wires can be independently inserted into each terminal hole.
- DIN Track mounting or screw mounting.

* According to OMRON actual measurement data from November 2015.

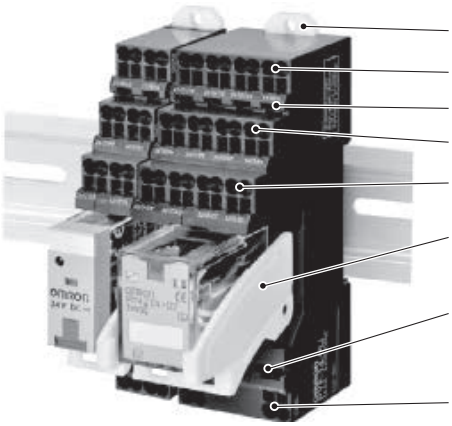


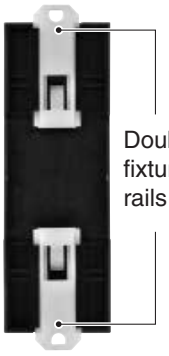
For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

⚠ Refer to ***Safety Precautions*** on page 6.

Features

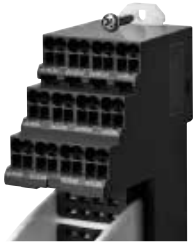
- Coil terminals and contact terminals are completely separated in an organized wiring layout.
- A Release Lever is provided as a standard feature.
- DIN terminal numbers are indicated.
- The double fixture rail with DIN hook tabs attached to the top and bottom lets you mount the socket from either the top or bottom.
- Front-in short bar enables easy installation without interference in duct when wiring.
- Please refer short bar correspondence table in page 5 for further information of short bar.
- There are screw mounting holes in the DIN hooks on the PYF-□□-PU and P2RF-□□-PU. Pull out the DIN hook tabs to mount the Sockets with screws.





Back of Push-In Plus technology Socket

The fixture rails can be pulled out to mount the Relays with screws.



Ordering Information

Sockets

Applicable model (typical example)			Socket	
			No. of poles	Model *
General Purpose Relays	MY Series	MY2	2	**PYF-08-PU**
		MY4	4	**PYF-14-PU**
Timers	H3Y Series H3YN Series	H3Y(N)-2-B	2	**PYF-08-PU-L**
		H3Y(N)-4-B	4	**PYF-14-PU-L**
General Purpose Relays	G2R-□-S (S) Series	G2R-1-S (S)	1	**P2RF-05-PU**
Timers	H3RN Series	H3RN-1-B		
General Purpose Relays	G2R-□-S (S) Series	G2R-2-S (S)	2	**P2RF-08-PU**
Timers	H3RN Series	H3RN-2-B		
Liquid Leakage Sensors	K7L Series	K7L-□B		

Note: Refer to your OMRON website for information on other applicable models of the ***Products Related to Common Sockets and DIN Tracks***.
* The PYF-□□-PU-L Sockets do not have release levers.

Accessories (Order Separately)

Short Bars

Pitch	Applicable models	No. of poles	Colors	Model *	Minimum order (quantity)
7.75 mm	PYF-□□-PU and P2RF-□□-PU	2	Red (R) Blue (S) Yellow (Y)	**PYDN-7.75-020□**	10
		3		**PYDN-7.75-030□**	
		4		**PYDN-7.75-040□**	
		20		**PYDN-7.75-200□**	
31.0 mm	PYF-□□-PU	8		**PYDN-31.0-080□**	
15.5 mm	P2RF-□□-PU	8		**PYDN-15.5-080□**	

Note: Use the Short Bars for crossover wiring within one Socket or between Sockets.
* Replace the box (□) in the model number with the code for the covering color.

Labels

Applicable models	Model	Minimum order (sheet) (quantity per sheet)
PYF-□□-PU and P2RF-□□-PU	**XW5Z-P4.0LB1**	5 (1 sheet/60 pieces)

Parts for DIN Track Mounting

Type		Model	Minimum order (quantity)
DIN Tracks	1 m	**PFP-100N**	---
	0.5 m	**PFP-50N**	
End Plate *		**PFP-M**	10
Spacer		**PFP-S**	

Refer to your OMRON website for details on the PFP-□.
* When mounting DIN rail, please use End Plate (Model PFP-M).

Ratings/Characteristics

Characteristics

PYF-□□-PU(-L)

Item	Model	PYF-08-PU (-L)	PYF-14-PU (-L)
Ambient operating temperature		−40 to 70°C	
Ambient operating humidity		5 to 85%	
Continuous carry current *		10 A	6 A
Dielectric strength	Between contact terminals of same polarity	2,000 VAC, 1 min	2,000 VAC, 1 min
	Between contact terminals of different polarity	2,000 VAC, 1 min	2,000 VAC, 1 min
	Between coil and contact terminals	2,000 VAC, 1 min	2,000 VAC, 1 min
Insulation resistance		1,000 MΩ min. (at 500 VDC)	
Weight (approx.)		80 g	87 g

* The continuous carry current of 10 A for PYF-08-PU(-L) is for an ambient temperature of 55°C. At an ambient temperature of 70°C, the value is 7 A.

P2RF-□□-PU

Item	Model	P2RF-05-PU	P2RF-08-PU
Ambient operating temperature		−40 to 70°C	
Ambient operating humidity		5 to 85%	
Continuous carry current *		10 A	6 A
Dielectric strength	Between contact terminals of same polarity	1,000 VAC, 1 min	1,000 VAC, 1 min
	Between contact terminals of different polarity	---	3,000 VAC, 1 min
	Between coil and contact terminals	4,000 VAC, 1 min	4,000 VAC, 1 min
Insulation resistance		1,000 MΩ min. (at 500 VDC)	
Weight (approx.)		40 g	45 g

* The continuous carry current of 10 A for P2RF-05-PU is for an ambient temperature of 55°C. At an ambient temperature of 70°C, the value is 7 A. The continuous carry current of 6 A for P2RF-08-PU is for an ambient temperature of 55°C. At an ambient temperature of 70°C, the value is 5 A.

Applicable Standards

- UL 508, CSA C22.2 No.14, TÜV (EN 61984)

Note: The continuous carry current of the PYF-08-PU and P2RF-05-PU for TÜV certification is 10 A at an ambient temperature of 55°C and 7 A at an ambient temperature of 70°C.
The continuous carry current of the P2RF-08-PU for TÜV certification is 6 A at an ambient temperature of 55°C and 5 A at an ambient temperature of 70°C.