

General Purpose Relay

LY

- Arc barrier equipped.
- High dielectric strength (2,000 VAC).
- Long dependable service life assured by Ag-Alloy contacts.
- Choose models with single or bifurcated contacts, LED indicator, diode surge suppression, push-to-test button, or RC circuit.
- UL, CSA, and TUV approvals on all standard LY Relays.
- CE marks included on non-PCB mount versions.



Ordering Information

To Order: Select the part number and add the desired coil voltage rating (e.g., LY1-DC6).

Type	Terminal	Contact form	Model			
			Single contact		Bifurcated contact	
			Standard bracket mounting	Upper mounting bracket	Standard bracket mounting	Upper mounting bracket
Standard	Plug-in/solder	SPDT	LY1	LY1F	—	—
		DPDT	LY2	LY2F	LY2Z	LY2ZF
		3PDT	LY3	LY3F	—	—
		4PDT	LY4	LY4F	—	—
	PCB	SPDT	LY1-0	—	—	—
		DPDT	LY2-0	—	LY2Z-0	—
		3PDT	LY3-0	—	—	—
		4PDT	LY4-0	—	—	—
LED indicator	Plug-in/solder	SPDT	LY1N	—	—	—
		DPDT	LY2N	—	LY2ZN	—
		3PDT	LY3N	—	—	—
		4PDT	LY4N	—	—	—
Diode surge suppression		SPDT	LY1-D	—	—	—
		DPDT	LY2-D	—	LY2Z-D	—
		3PDT	LY3-D	—	—	—
		4PDT	LY4-D	—	—	—
LED indicator and diode surge suppression		SPDT	LY1N-D2	—	—	—
		DPDT	LY2N-D2	—	LY2ZN-D2	—
		4PDT	LY4N-D2	—	—	—
RC circuit		SPDT	LY1-CR	—	—	—
		DPDT	LY2-CR	—	LY2Z-CR	—
LED indicator and RC circuit		SPDT	LY1N-CR	—	—	—
		DPDT	LY2N-CR	—	LY2ZN-CR	—

- Note:**
1. Types with specifications other than those listed are available. Contact your Omron Sales representative.
 2. To order connecting sockets and mounting tracks, see "Accessories" section.
 3. Relays with RC circuit are only available in AC coil voltages of 100 VAC or greater.

Type	Terminal	Contact form	Model			
			Single contact		Bifurcated contact	
			Standard bracket mounting	Upper mounting bracket	Standard bracket mounting	Upper mounting bracket
Push-to-test button	Plug-in/solder	SPDT	LY1I4	—	—	—
		DPDT	LY2I4	—	LY2ZI2	—
		3PDT	LY3I4	—	—	—
		4PDT	LY4I4	—	—	—
LED indicator and push-to-test button	Plug-in/solder	DPDT	LY2I4N	—	LY2ZI2N	—
		4PDT	LY4I4N	—	—	—

Note: 1. Types with specifications other than those listed are available. Contact your Omron Sales representative.
2. To order connecting sockets and mounting tracks, see "Accessories" section.

■ Accessories

Connecting Sockets

To Order: Select the appropriate part numbers for sockets, clips, and mounting tracks (if required) from the following charts.

Track Mounted Sockets

Relay	Socket*	Relay hold-down clip		Mounting track
		Standard	RC circuit	
SPDT DPDT	PTF08A-E	PYC-A1	Y92H-3	PFP-100N/PFP-50N & PFP-M or PFP-100N2 PFP-S (Option spacer)
3PDT	PTF11A			
4PDT	PTF14A-E			

* Track mounted socket can be used as a front connecting socket.

Back Connecting Sockets

Relay	Solder terminal socket	Wire wrap terminal socket	Relay hold-down clip				Socket Mounting Plate			
			Standard	Push-to-test	RC circuit	Mtg. plate	1	10	12	18
SPDT DPDT	PT08	PT08QN	PYC-P	PYC-P2	PYC-1	PYC-S	PYP-1	—	—	PYP-18
3PDT	PT11	PT11QN					PTP-1-3	—	PTP-12	—
4PDT	PT14	PT14QN					PTP-1	PTP-10	—	—

Note: Types PYP-18, PTP-12 and PTP-10 may be cut to any desired length.

Relay	PC terminal socket	Relay hold-down clip		
		Standard	Push-to-test	RC circuit
SPDT DPDT	PT08-0	PYC-P	PYC-P2	PYC-1
3PDT	PT11-0			
4PDT	PT14-0			