

Terminal Relay/Terminal SSR G6B-4□□ND/G3S4


CSM_G6B-4_ND_G3S4_DS_E_1_1

Compact Terminal Relays/Terminal SSRs with four outputs

- Easy wiring with separated input/output terminals.
 - LED operation indicator.
 - Mounts either on DIN track or with screws.
 - Special socket used for easy Relay/SSR replacement (except for high-reliability models).
- Terminal Relays
 - Equipped with four G6B Mini-relays that are compact, highly sensitive, and highly resistant to dielectric surges, and that can switch 5 amps of power.
 - Sealed plastic construction used for relays.
 - Built-in diode for absorption of coil surges.
 - UL and CSA certification for standard models (except for high-reliability models).
 - VDE certification for G6B-4BND/47BND/48BND for 12/24 VDC.
 - Terminal SSRs
 - Easy-to-use SSR block that combines four compact G3S SSRs, sockets, and heat sink in one unit.



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

 Refer to *Safety Precautions for All Relays* and *Safety Precautions* on page 7 and 11.

Terminal Relay types

G6B-4□□ND	Mounted relays: Electromagnetic Relay.....	page 2
G3S4	Mounted relays: Solid State Relay.....	page 8

Common note

Options for the G6B-4CB, G6B-4□□ND, and G3S4	page 12
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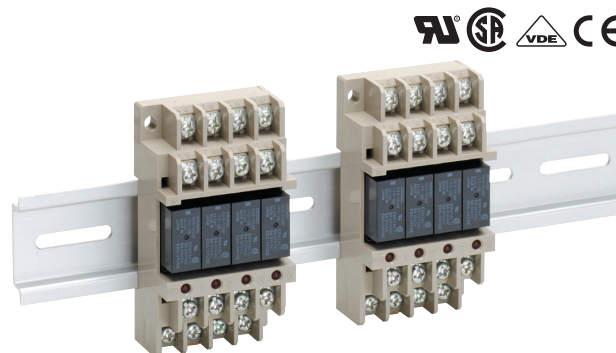
■ Mounted relays

Relays and SSRs cannot be mounted together.

Terminal Relay G6B-4□□ND

Compact Terminal Relay with 4 Independent Outputs

- Equipped with four G6B Mini-relays that are compact, highly sensitive, and highly resistant to dielectric surges, and that can switch 5 amps of power.
- Sealed plastic construction used for relays.
- Easy wiring with separated input/output terminals.
- Special P6B Mounting Socket used to facilitate maintenance (except for high-reliability models).
- UL and CSA certification for standard models (except for high-reliability models).
VDE certification for G6B-4BND/47BND/48BND for 12/24 VDC.
- DIN Track mounting, and screw mounting models are available.
- SSR-equipped G3S4 models are also available.



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

Refer to Safety Precautions for All Relays .

Model Number Structure

Model Number Legend

G6B-□□□ND
1 2 3

Note: UL508 and CSA requirements met by standard models.

1. Number of Poles

- 4: 4 poles (4PST-NO standard circuit)
- 47: 4 poles (4PST-NO long-life circuit)
- 48: 4 poles (4PST-NO high-reliability circuit)

2. Mounting

- None: DIN Track or screw mounting
- F: Screw mounting

3. Input Terminal

- B: Phillips screw terminals (4 independent points)
- B1: Flat-bladed screw terminals (4 points with same common)
- P: Connector terminals (4 independent points)

Ordering Information

List of Models

When your order, specify the rated voltage.

Classification	Contact form	Mounting method	Terminals	Model	Rated voltage
Equipped with operation indicator and diode to absorb coil surge	4PST (standard)	DIN Track or screw mounting	Phillips screw terminal	G6B-4BND	5 VDC 12 VDC 24 VDC
	4PST (long-life)	DIN Track or screw mounting	Phillips screw terminal	G6B-47BND	5 VDC 12 VDC 24 VDC
	4PST (high reliability)	DIN Track or screw mounting	Phillips screw terminal	G6B-48BND	5 VDC 12 VDC 24 VDC
	4PST (standard)	Screw mounting	Flat-bladed screw terminal	G6B-4FB1ND	5 VDC 12 VDC 24 VDC
	4PST (standard)	Screw mounting	Connector	G6B-4FPND	5 VDC 12 VDC 24 VDC

Note: 1. For replacement relays, use relays with the same voltage specifications as the relays provided with the Terminal when it was purchased. Longer operating life can be achieved by replacing the G6B-4□□ND with the G6B-1174P-FD-US-P6B.

2. Standard models and long-life models are also available without relays mounted to the sockets

3. SSR-equipped G3S4 models are also available. Refer to information on the G3S4 (page 8).

Terminal relay	Socket
G6B-4BND G6B-47BND	P6BF-4BND

Also give the voltage specification.

P6BF-4BND Connection Sockets do not have specific approved standards.