

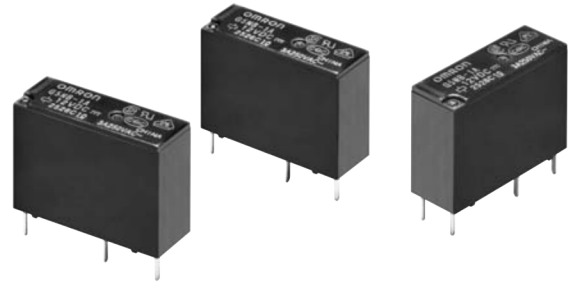
G5NB

PCB Power Relay

A Miniature Relay with 1-pole 3A/5A Switching Capability and 10 kV Impulse Withstand Voltage



- Highly efficient magnetic circuit for high sensitivity (200 mW).
- Small, yet provides 10-kV impulse withstand voltage (between coil and contacts).
- Standard model conforms to UL/CSA/VDE standards.
- Satisfies EN61010 reinforced insulation requirements.
- IEC/EN 60335-1 conformed. (-HA Model)



RoHS Compliant

Model Number Legend

G5NB-□□□-□-□-□
1 2 3 4 5 6

- | | |
|---|--|
| <p>1. Number of Poles
1: 1-pole</p> <p>2. Contact Form
A: SPST-NO (1a)</p> <p>3. Enclosure rating
None: Flux protection
4 : Sealed</p> | <p>4. Classification
None: Standard
E : High-capacity</p> <p>5. Market Code
None: General purpose
HA : Home Appliance according to IEC/EN60335-1</p> <p>6. Packing
None: Tray Packing
SP : Tube packing</p> |
|---|--|

Application Examples

- Water heaters
- Refrigerators
- Air conditioners
- Home appliances
- Small electric appliances

G
5
N
B

Ordering Information

Terminal Shape	Market Code	Classification	Contact form	Enclosure rating	Model	Rated coil voltage	Minimum packing unit
PCB terminals	General purpose	Standard	SPST-NO (1a)	Flux protection	G5NB-1A (-SP)	5VDC	100 pcs/Tray (50 pcs/tube)
				Sealed	G5NB-1A4 (-SP)	12VDC	
		Flux protection		G5NB-1A-E (-SP)	18VDC		
		Sealed		G5NB-1A4-E (-SP)	24VDC		
	Home Appliance	High-capacity		Flux protection	G5NB-1A-E-HA (-SP)	12VDC	
						24VDC	

Note. When ordering, add the rated coil voltage to the model number.

Example: G5NB-1A DC5

Rated coil voltage

However, the notation of the coil voltage on the product case as well as on the packing will be marked as □□VDC.