

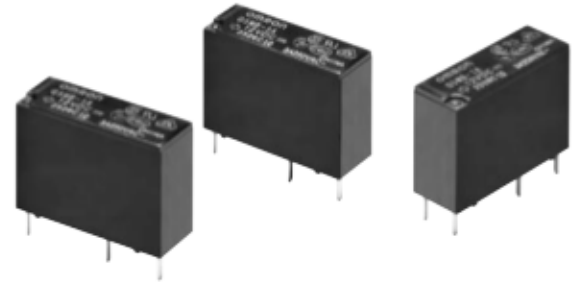
# G5NB

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

#### 1. Number of Poles

1: 1-pole

#### 2. Contact Form

A: SPST-NO (1a)

#### 3. Enclosure rating

None: Flux protection

4 : Sealed

#### 4. Classification

None: Standard

E : High-capacity

#### 5. Market Code

None: General purpose

HA : Home Appliance according  
to IEC/EN60335-1

#### 6. Packing

None: Tray Packing

SP : Tube packing

### 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.