

Solid State Relays G3NB-1

SSR with output (5 to 90 A) at a reasonable price

- Zero cross function enables less noise operation.
- Built-in varistor effectively absorbs external surges.
- Operation indicator enables monitoring operation.
- Protective cover for greater safety.
- Certified by UL, CSA and TÜV.



Model Number Structure

■ Model Number Legend

G3NB-□□□□-□
1 2 3 4 5

1. Basic Model Name

G3NB: Solid State Relay

2. Rated Load Power Supply Voltage

2: 220 VAC

3. Rated Load Current (at 40°C)

05: 5 A
10: 10 A
20: 20 A
25: 25 A
40: 40 A
75: 75 A
90: 90 A

4. Terminal Type

B: Screw terminals

5. Certification

1: Standard models
(UL, CSA and TÜV certification)

Ordering Information

■ List of Models

Isolation	Zero cross function	Indicator	Applicable output load (See note 2.)	Rated input voltage	Model
Photocoupler	Yes	Yes	5 A at 24 to 220 VAC (at 40°C)	5 to 24 VDC	G3NB-205B-1 5 to 24 VDC
			10 A at 24 to 220 VAC (at 40°C)		G3NB-210B-1 5 to 24 VDC
			20 A at 24 to 220 VAC (at 40°C)		G3NB-220B-1 5 to 24 VDC
			25 A at 24 to 220 VAC (at 40°C)		G3NB-225B-1 5 to 24 VDC
			40 A at 24 to 220 VAC (at 40°C)		G3NB-240B-1 5 to 24 VDC
			75 A at 24 to 220 VAC (at 40°C)		G3NB-275B-1 5 to 24 VDC
			90 A at 24 to 220 VAC (at 40°C)		G3NB-290B-1 5 to 24 VDC

Note: 1. All models are certified by UL, CSA and TÜV.

2. The applicable output load depends on the ambient temperature. Refer to "Load Current vs. Ambient Temperature" in Engineering Data.

■ Accessories (Order Separately)

One-touch Mounting Plates

Model
R99-12 FOR G3NA

Mounting Bracket

Model
R99-11

Heat Sinks

Slim Models Enabling DIN-track Mounting

Model	Applicable SSR
Y92B-N50	G3NB-205B-1
	G3NB-210B-1
Y92B-N100	G3NB-220B-1
Y92B-N150	G3NB-225B-1
	G3NB-240B-1
Y92B-P250NF	G3NB-275B-1
	G3NB-290B-1