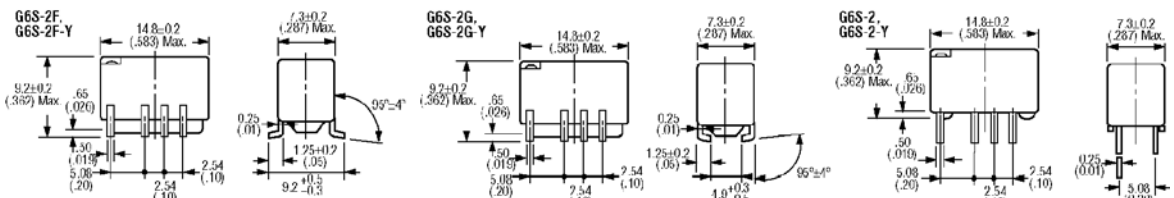


G6S Series



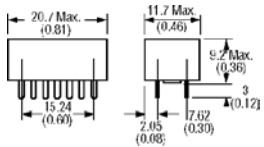
Meets worldwide telecom, data communications, computer peripheral and office automation relay requirements. Meets 2.5 kV surge requirement. PCB through-hole terminal. **Contact Form:** DPDT. **Operating Time:** 4 ms max. (mean value

approximately 2.5 ms). **Release Time:** 4 ms max. (mean value approximately 1.5 ms). **Dimensions (L × W × H):** 0.583" × 0.287" × 0.362" (14.8 × 7.3 × 9.2 mm).

| Stock No. | Mfr.'s Type | Coil Voltage | Rated Curr. (mA) | Coil Res. (Ohms) | Power Consumption (mW) | EACH |       |       |
|-----------|-------------|--------------|------------------|------------------|------------------------|------|-------|-------|
|           |             |              |                  |                  |                        | 1-24 | 25-49 | 50-99 |
| 821-7135  | G6S-2-DC5   | 5 VDC        | 28.1             | 178              | 140                    | 4.77 | 3.58  | 3.14  |
| 821-2220  | G6S-2-DC12  | 12 VDC       | 11.7             | 1028             | 140                    | 4.50 | 3.21  | 2.75  |
| 821-2221  | G6S-2-DC24  | 24 VDC       | 8.3              | 2880             | 200                    | 5.05 | 3.61  | 3.09  |
| 821-6060  | G6S-2F-DC5  | 5 VDC        | 28.1             | 178              | 140                    | 4.88 | 3.48  | 2.99  |
| 821-6060  | G6S-2G-DC5  | 5 VDC        | 28.1             | 178              | 140                    | 4.60 | 3.28  | 2.82  |

| Stock No. | Mfr.'s Type | Coil Voltage | Rated Curr. (mA) | Coil Res. (Ohms) | Power Consumption (mW) | EACH |       |       |
|-----------|-------------|--------------|------------------|------------------|------------------------|------|-------|-------|
|           |             |              |                  |                  |                        | 1-24 | 25-49 | 50-99 |
| 821-7136  | G6S-2F-DC24 | 24 VDC       | 8.3              | 2880             | 200                    | 5.66 | 4.18  | 3.67  |
| 821-6070  | G6S-2F-DC12 | 12 VDC       | 11.7             | 1028             | 140                    | 5.25 | 3.74  | 3.22  |
| 821-6080  | G6S-2G-DC12 | 12 VDC       | 11.7             | 1028             | 140                    | 4.60 | 3.28  | 2.82  |
| 821-7137  | G6S-2G-DC24 | 24 VDC       | 8.3              | 2880             | 200                    | 5.57 | 4.18  | 3.67  |

G6Y-1 High Frequency Relays

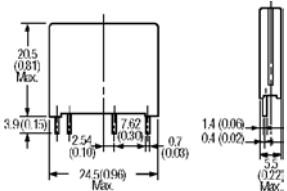


High frequency, fully sealed, low signal relay. **Contact Form:** SPDT. **Operating Time:** 10 ms max. **Release Time:** 5 ms max. **Dimensions (L × W × H):** 0.81" × 0.46" × 0.36" (20.7 × 11.7 × 9.2 mm).

| Stock No. | Mfr.'s Type | Coil Voltage | Rated Curr. (mA) | Coil Res. (Ohms) | Power Consumption (mW) | EACH |       |       |
|-----------|-------------|--------------|------------------|------------------|------------------------|------|-------|-------|
|           |             |              |                  |                  |                        | 1-24 | 25-49 | 50-99 |
| 821-2242  | G6Y-1-DC5   | 5 VDC        | 40.0             | 125              | 200                    | 4.58 | 3.89  | 3.34  |
| 821-2243  | G6Y-1-DC12  | 12 VDC       | 16.7             | 720              | 200                    | 4.58 | 3.89  | 3.34  |
| 821-2244  | G6Y-1-DC24  | 24 VDC       | 8.3              | 2880             | 200                    | 4.40 | 3.74  | 3.21  |

G3MB Series Solid State Relays

- Built-In Snubber Circuit
- Built-In Input Resistor
- No Heat Sinks Needed
- Switches Up to 2 A Loads
- Solid State Technology for Prolonged Life
- Immunity to Contact Bounce
- Immunity to Arcing
- Dimensions (W × D × H): 24.5 mm (0.86") × 5.5 mm (0.19") × 20.5 mm (0.72")



| Stock No. | Mfr.'s Type     | Input Voltage   | Ohms   | Output   |          |               | EACH |       |       |
|-----------|-----------------|-----------------|--------|----------|----------|---------------|------|-------|-------|
|           |                 |                 |        | VAC Min. | VAC Max. | Surge Current | 1-24 | 25-49 | 50-99 |
| 821-7500  | G3MB-102PL DC5  | 4.00-6.00 VDC   | 440.00 | 75       | 264      | 30 A          | 3.77 | 3.20  | 2.75  |
| 821-7502  | G3MB-102PL DC12 | 9.60-14.40 VDC  | 1.00 K | 75       | 264      | 30 A          | 3.77 | 3.20  | 2.75  |
| 821-7504  | G3MB-102PL DC24 | 19.20-28.80 VDC | 2.20 K | 75       | 264      | 30 A          | 3.77 | 3.20  | 2.75  |
| 821-7506  | G3MB-202P DC5*  | 4.00-6.00 VDC   | 440.00 | 75       | 264      | 30 A          | 4.64 | 3.94  | 3.38  |
| 821-7508  | G3MB-202P DC12* | 9.60-14.40 VDC  | 1.00 K | 75       | 264      | 30 A          | 4.64 | 3.94  | 3.38  |
| 821-7510  | G3MB-202P DC24* | 19.20-28.80 VDC | 2.20 K | 75       | 264      | 30 A          | 4.64 | 3.94  | 3.38  |
| 821-7512  | G3MB-202PL DC5  | 4.00-6.00 VDC   | 440.00 | 75       | 264      | 30 A          | 4.20 | 3.57  | 3.06  |
| 821-7514  | G3MB-202PL DC12 | 9.60-14.40 VDC  | 1.00 K | 75       | 264      | 30 A          | 4.20 | 3.57  | 3.06  |
| 821-7516  | G3MB-202PL DC24 | 19.20-28.80 VDC | 2.20 K | 75       | 264      | 30 A          | 4.20 | 3.57  | 3.06  |

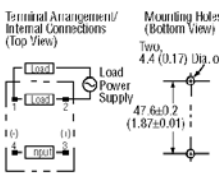
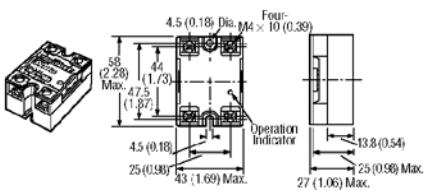
\*Zero Cross

G3NA Series Solid State Relays

- Red LED Indicator
- Finger Protective Cover
- Built-In MOV
- Designed for High Number of Operations
- Designed for High Speed Switching
- Solid State Technology for Prolonged Life
- Immunity to Contact Bounce
- Immunity to Arcing
- UL/CSA Approved
- Compact Mounting Dimensions (H × W × D): 2.28" × 1.69" × 1.06"

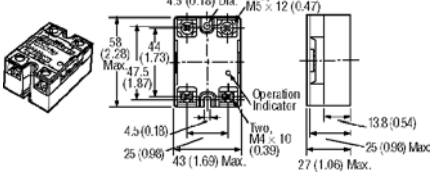
Solid-State Relays

G3NA-205B, G3NA-210B, G3NA-220B, G3NA-225B, G3NA-410B, G3NA-420B, G3NA-425B



Solid-State Relays

G3NA-240B, G3NA-440B



| Stock No. | Mfr.'s Type         | Input Voltage | Max. mA | Output   |          |                             |                                |               | Leakage Current                           | EACH  |       |       |
|-----------|---------------------|---------------|---------|----------|----------|-----------------------------|--------------------------------|---------------|-------------------------------------------|-------|-------|-------|
|           |                     |               |         | VAC Min. | VAC Max. | Load Current with Heat Sink | Load Current without Heat Sink | Surge Current |                                           | 1-24  | 25-49 | 50-99 |
| 821-8202  | G3NA-205BDC5-24     | 5-24 VDC      | 7       | 24       | 240      | 0.1 to 5 A                  | 0.1 to 3 A                     | 60 A          | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 14.00 | 11.76 | 10.25 |
| 821-8204  | G3NA-205B100/120VAC | 100-120 VAC   | 7       | 24       | 240      | 0.1 to 5 A                  | 0.1 to 3 A                     | 60 A          | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 17.60 | 14.36 | 12.57 |
| 821-8206  | G3NA-205B200/240VAC | 200-240 VAC   | 7       | 24       | 240      | 0.1 to 5 A                  | 0.1 to 3 A                     | 60 A          | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 17.60 | 14.36 | 12.57 |
| 821-7113  | G3NA-210BDC5-24     | 5-24 VDC      | 7       | 24       | 240      | 0.1 to 10 A                 | 0.1 to 4 A                     | 150 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 14.30 | 11.67 | 10.22 |
| 821-7114  | G3NA-210B100/120VAC | 100-120 VAC   | 7       | 24       | 240      | 0.1 to 10 A                 | 0.1 to 4 A                     | 150 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 17.98 | 14.67 | 12.84 |
| 821-7115  | G3NA-210B200/240VAC | 200-240 VAC   | 7       | 24       | 240      | 0.1 to 10 A                 | 0.1 to 4 A                     | 150 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 17.98 | 14.67 | 12.84 |
| 821-8208  | G3NA-220BDC5-24     | 5-24 VDC      | 7       | 24       | 240      | 0.1 to 20 A                 | 0.1 to 4 A                     | 220 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 18.13 | 14.80 | 12.95 |
| 821-8210  | G3NA-220B100/120VAC | 100-120 VAC   | 7       | 24       | 240      | 0.1 to 20 A                 | 0.1 to 4 A                     | 220 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 21.80 | 18.31 | 15.96 |
| 821-8212  | G3NA-220B200/240VAC | 200-240 VAC   | 7       | 24       | 240      | 0.1 to 20 A                 | 0.1 to 4 A                     | 220 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 21.80 | 18.31 | 15.96 |
| 821-7119  | G3NA-240BDC5-24     | 5-24 VDC      | 7       | 24       | 240      | 0.1 to 40 A                 | 0.1 to 6 A                     | 440 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 9.02  | 6.78  | 5.94  |
| 821-7120  | G3NA-240B100/120VAC | 100-120 VAC   | 7       | 24       | 240      | 0.1 to 40 A                 | 0.1 to 6 A                     | 440 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 32.32 | 27.15 | 23.67 |
| 821-7121  | G3NA-240B200/240VAC | 200-240 VAC   | 7       | 24       | 240      | 0.1 to 40 A                 | 0.1 to 6 A                     | 440 A         | 5 mA @ 100 VAC/10 mA @ 200 VAC            | 32.32 | 27.15 | 23.67 |
| 821-8214  | G3NA-420BDC5-24     | 5-24 VDC      | 7       | 200      | 480      | 0.1 to 20 A                 | 0.2 to 4 A                     | 220 A         | 10 mA max. @ 200 VAC/20 mA max. @ 400 VAC | 37.14 | 31.20 | 27.20 |
| 821-8216  | G3NA-420BAC100-240  | 100-240 VAC   | 7       | 200      | 480      | 0.1 to 20 A                 | 0.2 to 4 A                     | 220 A         | 10 mA max. @ 200 VAC/20 mA max. @ 400 VAC | 42.06 | 35.33 | 30.80 |
| 821-7122  | G3NA-440BDC5-24     | 5-24 VDC      | 5       | 200      | 480      | 0.1 to 40 A                 | 0.2 to 6 A                     | 440 A         | 10 mA max. @ 200 VAC/20 mA max. @ 400 VAC | 60.41 | 52.82 | 46.22 |
| 821-8218  | G3NA-440BAC100-240  | 100-240 VAC   | 5       | 200      | 480      | 0.1 to 40 A                 | 0.2 to 6 A                     | 440 A         | 10 mA max. @ 200 VAC/20 mA max. @ 400 VAC | 52.61 | 44.19 | 38.53 |

Heat Sinks

Standard Mount Track Mount

| Stock No. | Mfr.'s Type | Fits Series                                | EACH  |
|-----------|-------------|--------------------------------------------|-------|
|           |             |                                            |       |
| 821-7124  | Y92B-A100   | G3NA-205B, G3NA-210B, G3NA-220B, G3NA-420B | 59.27 |
| 821-7156  | Y92B-A150N  | G3NA-240B, G3NA-440B                       | 15.68 |
| 821-7158  | Y92B-A250   | G3NA-440B                                  | 29.00 |

| Stock No. | Mfr.'s Type | Fits Series          | EACH  |
|-----------|-------------|----------------------|-------|
|           |             |                      |       |
| 821-7160  | Y92B-N50    | G3NA-205B, G3NA-210B | 12.12 |
| 821-7162  | Y92B-N100   | G3NA-220B, G3NA-420B | 15.68 |
| 821-0106  | Y92B-N150   | G3NA-240B, G3NA-440B | 24.20 |