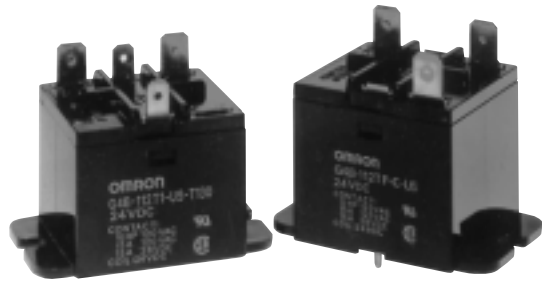


- Miniature relay ideal for switching motor load, lamp load, heater, etc.
- Creepage distance of more than 2.03 mm (0.08 in).
- Upper mounting bracket type for easy wiring and mounting



## Ordering Information

To Order: Select the part number from the available types chart and add the desired coil voltage rating, (e.g., G4B-112T-US-DC6).

Type	Load contact terminal	Coil terminal	Contact form	Part number
Standard	Quick connect #250	Quick connect #110	SPST-NO	<b>G4B-112T-US</b>
			SPDT	<b>G4B-112T-C-US</b>
		Quick connect #187	SPST-NO	<b>G4B-112T1-US</b>
			SPDT	<b>G4B-112T1-C-US</b>
		PC board	SPST-NO	<b>G4B-112TP-US</b>
			SPDT	<b>G4B-112TP-C-US</b>
High capacity	PC board	PC board	SPST-NO	<b>G4B-112TP-FD-US-RP</b>
			SPDT	<b>G4B-112TP-FD-C-US-RP</b>
		Quick connect #187	SPST-NO	<b>G4B-112T1-FD-US-RP</b>
			SPDT	<b>G4B-112T1-FD-C-US-RP</b>

Note: 1. Class "B" insulation available. For information consult your OMRON representative.  
2. High capacity types are also available with #110 connect coil terminals.

## Specifications

### ■ CONTACT DATA



■ COIL DATA

AC

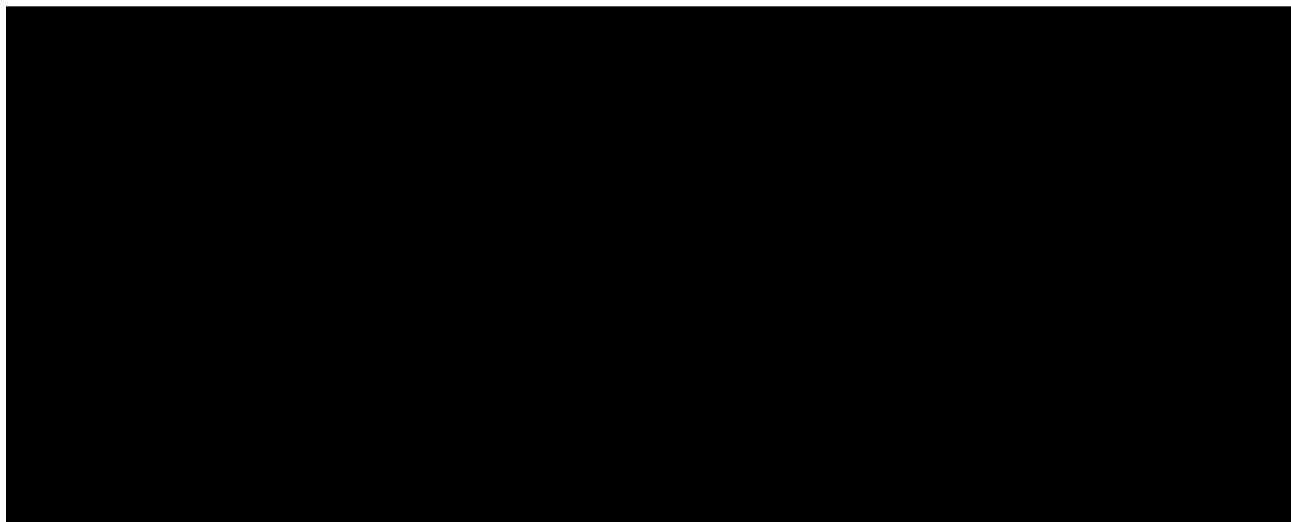
Rated voltage (V)	Rated current (mA)		Coil resistance (Ω)	Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (VA,W)
	50Hz	60Hz		% of rated voltage			
6	254	217	—	80% max.	30% min.	110% max.	Approx. 1.30 VA
12	126.50	108					
24	63	54					
50	30.50	26					
100	15	13					
120	12.60	10.80					
240	6.30	5.40					

DC

Rated voltage (V)	Rated current (mA)	Coil resistance (Ω)	Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption (VA,W)
			% of rated voltage			
6	200	30	80% max.	10% min.	110% max.	Approx. 1.20 W
12	89	135				
24	50	480				
48	25	1,920				
100	12	8,300				
110	9	12,300				

Note: The rated current and coil resistance are measured at a coil temperature of 23°C (73°F) with tolerances of ±10% for DC rated current and +15%, -20% for AC rated current, and ±15% for rated coil resistance.

■ CHARACTERISTICS

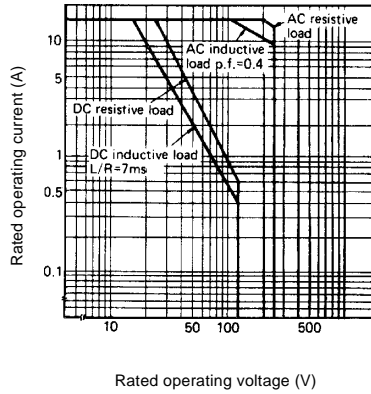


Note: Data shown are of initial value.

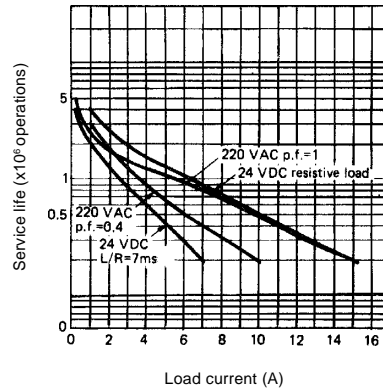
■ CHARACTERISTIC DATA

Standard

Maximum switching capacity

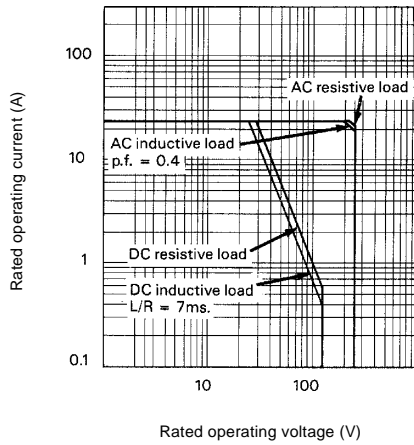


Electrical service life

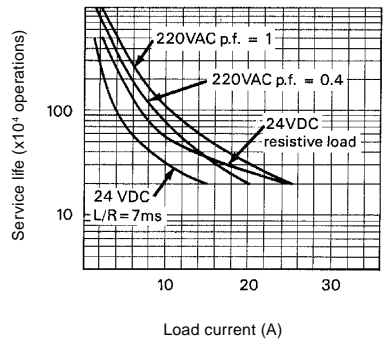


High Capacity

Maximum switching capacity



Electrical service life



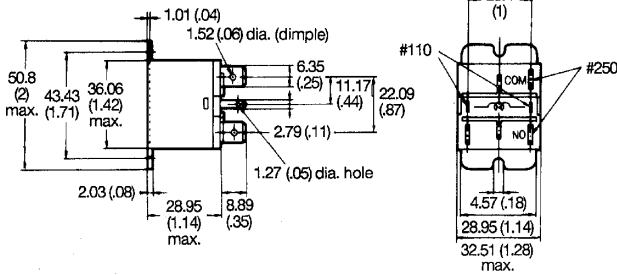
# Dimensions

Unit: mm (inch)

## RELAYS

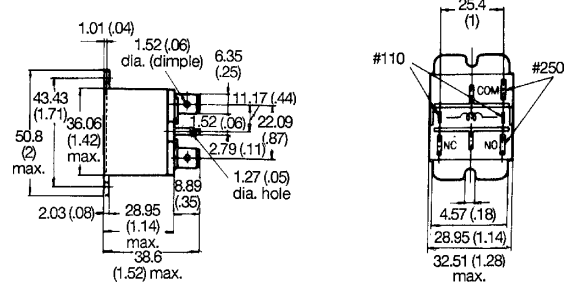
### G4B-112T-US

(Bottom view)



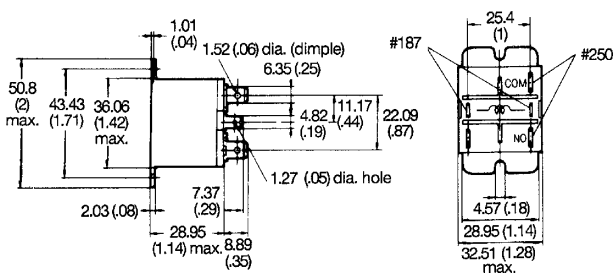
### G4B-112T-C-US

(Bottom view)



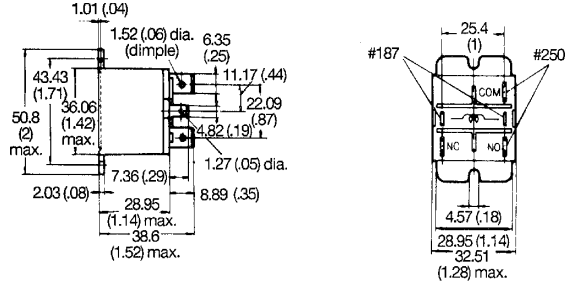
### G4B-112T1-US

(Bottom view)



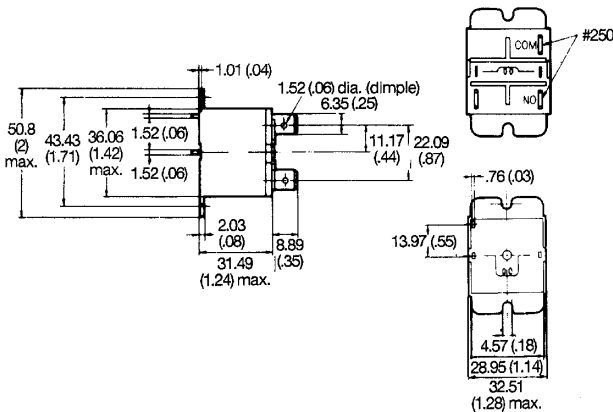
### G4B-112T1-C-US

(Bottom view)



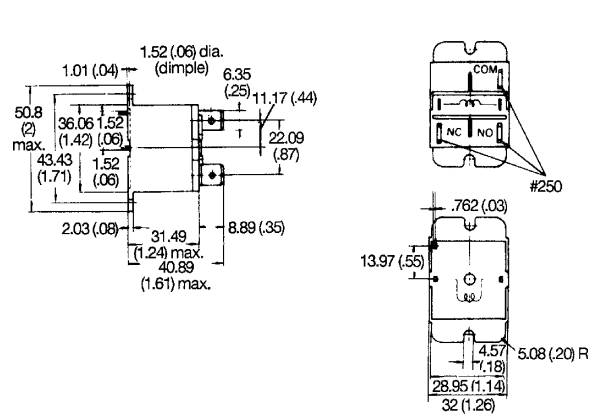
### G4B-112TP-US

(Bottom view)



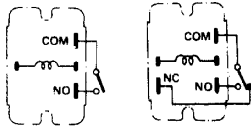
### G4B-112TP-C-US

(Bottom view)



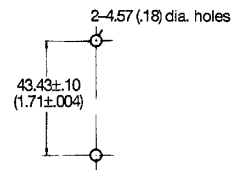
**G4B-112T-US, G4B-112T-C-US**  
**G4B-112T1-US, G4B-112T1-C-US**

**Terminal layout/  
Internal connection**  
(Bottom view)



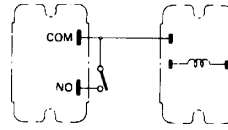
**G4B-112T(-C)-US**  
**G4B-112T1(-C)-US**

**Mounting holes**  
(Bottom view)

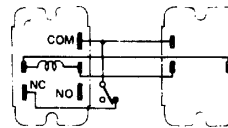


**G4B-112TP-US**

**Terminal layout/  
Internal connection**  
(Bottom view) (Top view)

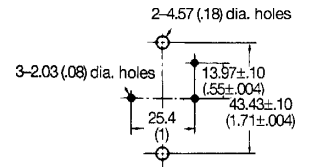


**G4B-112TP-C**



**G4B-112TP(-C)-US**

**Mounting holes**  
(Bottom view)

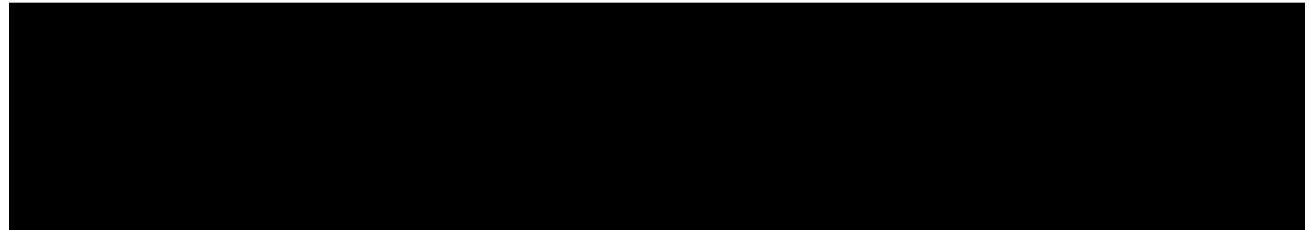


Note: Recommended panel thickness is 1.01 to 2.03 mm (0.04 to 0.08 in).

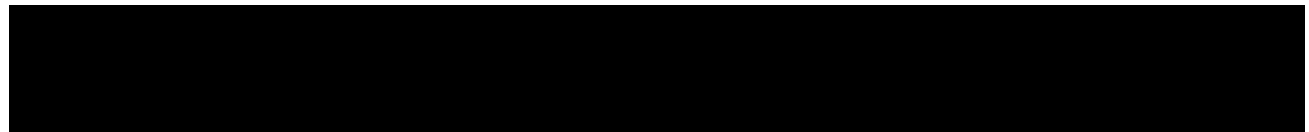
## ■ APPROVALS

### Standard

UL (File No. E41643)



CSA (File No. LR31928)



### High Capacity

UL (File No. 41643)



- Note:
1. The rated values approved by each of the safety standards may be different from the performance characteristics individually defined in this catalog.
  2. In the interest of product improvement, specifications are subject to change.

# OMRON

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Cat. No. GC RLY6

9/97

Specifications subject to change without notice.

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