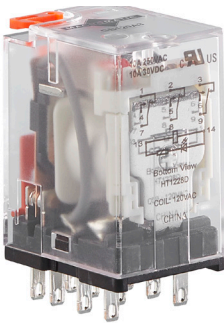
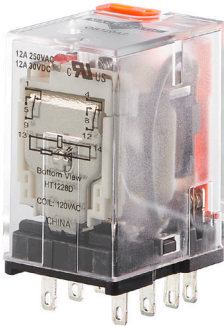


# GENERAL PURPOSE BLADE RELAYS

## GB SERIES



- ◆ High capacity 12 Amp rated
- ◆ LED indication
- ◆ Push-to-test button
- ◆ Transparent dust cover
- ◆ 2- or 3-pole configurations
- ◆ RoHS compliant
- ◆ UL/cUL, CE approval



Macromatic GB Series General Purpose Relays provide high reliability and durability for applications requiring an economical solution.

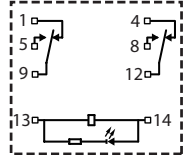
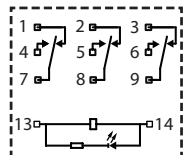
These “cube style” relays are configured with Blade style terminals. They are rated for 20,000,000 mechanical operations. Even though compact in size, these relays provide up to 12 Amp contacts at various AC and DC coil voltage ratings.

Sockets for GB Series relays can be either DIN-rail or screw-mounted.

### TYPICAL MODEL CODE

#### BASE PART NUMBER

Series	Control Voltage	Output Contacts
GB Blade Terminal	024D 24 V DC 120A 120V AC	2 2 Form C 3 3 Form C

OUTPUT CONTACTS	CONTACT RATING	CONTROL VOLTAGE	CATALOG NUMBER	WIRING/SOCKET
2 FORM C	12 Amp	24V DC	GB024D2	8-Blade Socket <b>SB2ZC5</b>  Bottom View <b>DIAGRAM 818</b>
	12 Amp	120V AC	GB120A2	
3 FORM C	10 Amp	24V DC	GB024D3	11-Blade Socket <b>SB3ZC5</b>  Bottom View <b>DIAGRAM 819</b>
	10 Amp	120V AC	GB120A3	

See page 8 for additional socket information.

# GENERAL PURPOSE BLADE RELAYS

## GB SERIES

### APPLICATION DATA

**Load (Burden):**

DC: Approximately 1.1 W; AC: Approximately 1.5 VA

**Output Contacts:**

Arrangement

2C: 12A 250V AC/30V DC 3000 VA/360 W

3C: 10A 250V AC/30V DC 2500 VA/300 W

**Life:**

20,000,000 mechanical operations

100,000 electrical operations

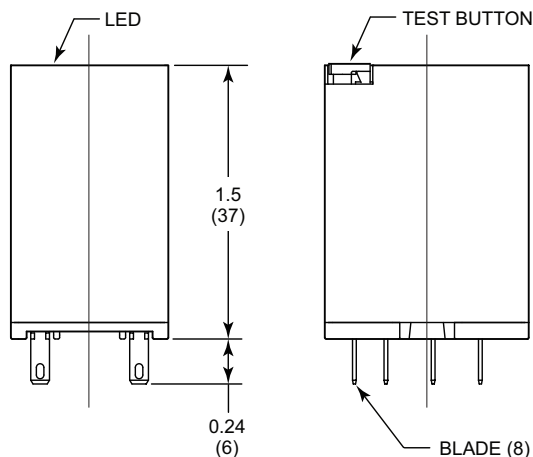
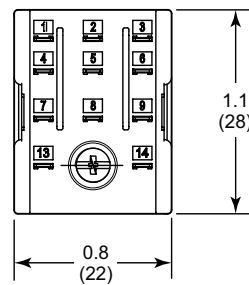
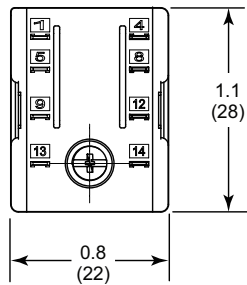
**Temperature:** -40° C to 70° C (-40° to 158° F)

**Unit Weight:** Approximately 0.08 lb (36 g)

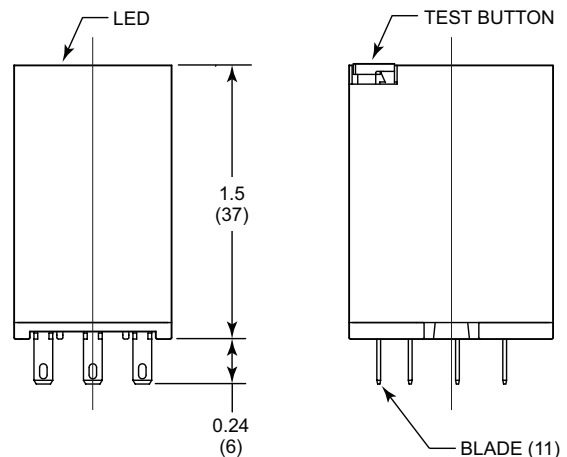
**Safety Approvals:** UL/cUL, CE, RoHS compliant



### DIMENSIONS



2 Form C (2 Pole)



3 Form C (3 Pole)

Dimensions in Inches (Millimeters)