

Engineering Data

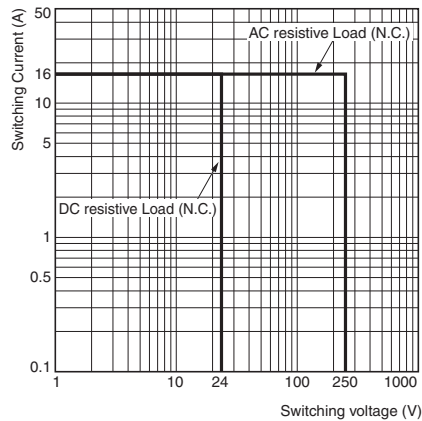
In-Rush Resistant Performance (IEC60669-1 Certified Switching Frequency)

G5RL-K1A-EL-HA

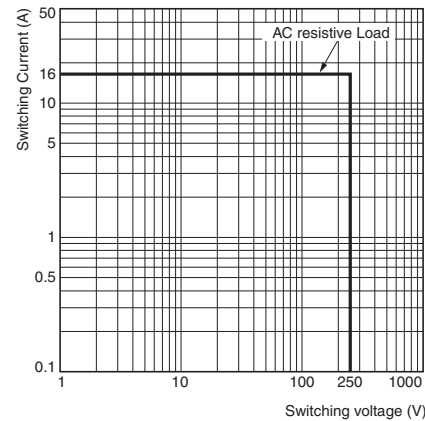
Contact form	Operation coil rating	Contact ratings	Number of test operations
SPST-NO (1a)	5 to 24 VDC	IEC60669-1 16A 250VAC Capacitor 140 μ F room temperature	20,000

Maximum Switching Power

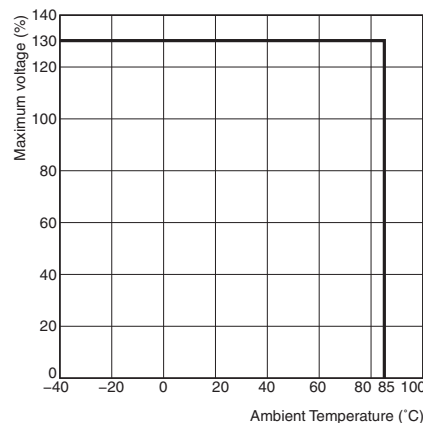
High-Capacity



In-Rush Resistance

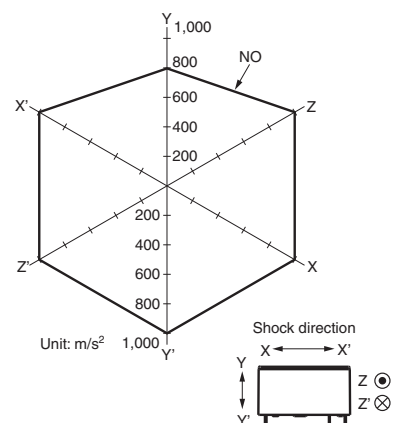


Ambient Temperature vs. Maximum Coil Voltage



Note. Maximum voltage of set pulse and reset pulse at duty factor 10%.

Malfunction Shock



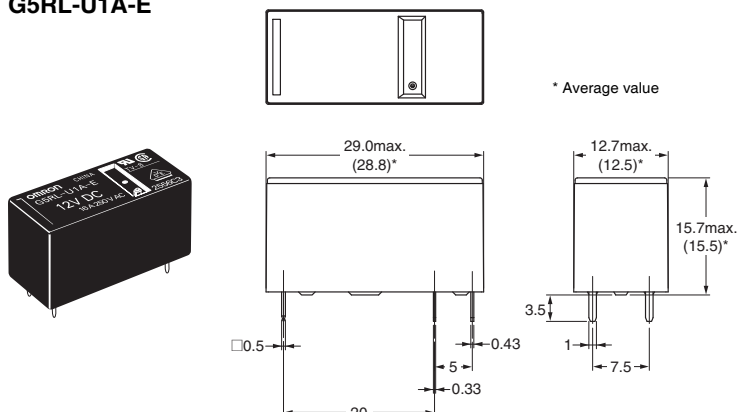
Sample: G5RL-K1A-E 12VDC
No. of relays: 5 pcs
Test conditions: Shock is applied in $\pm X$, $\pm Y$, and $\pm Z$ directions three times each with set and reset status to check the number of contact malfunctions.

Standard value: 50 m/s^2 with set status
100 m/s^2 with reset status

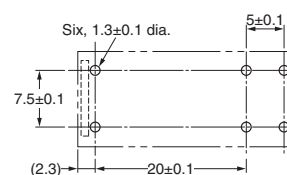
Dimensions

(Unit: mm)

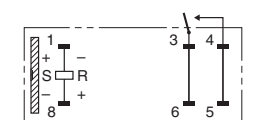
G5RL-U1A-E



PCB Mounting Holes (BOTTOM VIEW)



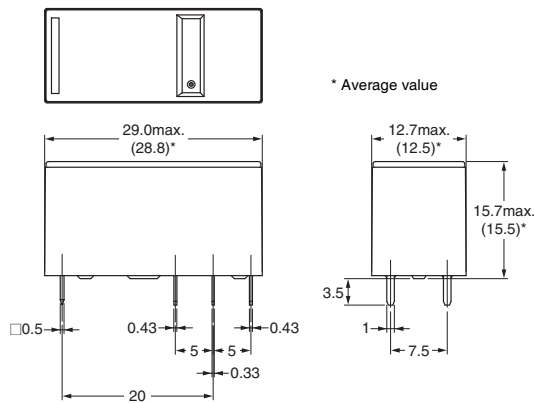
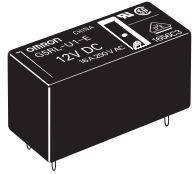
Terminal Arrangement/ Internal Connections (BOTTOM VIEW)



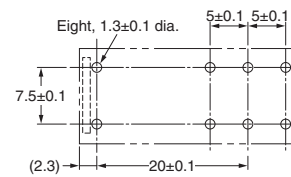
Note. Check carefully the coil polarity of the relay.

Note. Orientation marks are indicated as follows:

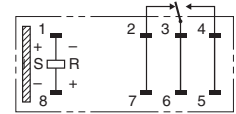
G5RL-U1-E



PCB Mounting Holes (BOTTOM VIEW)

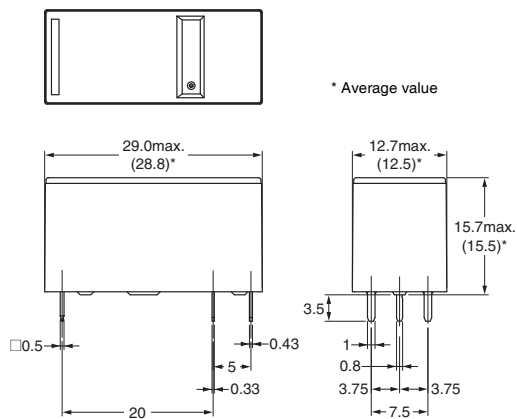
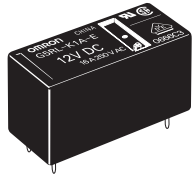


Terminal Arrangement/ Internal Connections (BOTTOM VIEW)

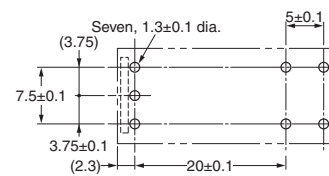


Note. Orientation marks are indicated as follows: □ ▨

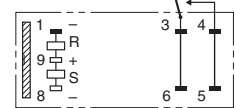
G5RL-K1A-E



PCB Mounting Holes (BOTTOM VIEW)

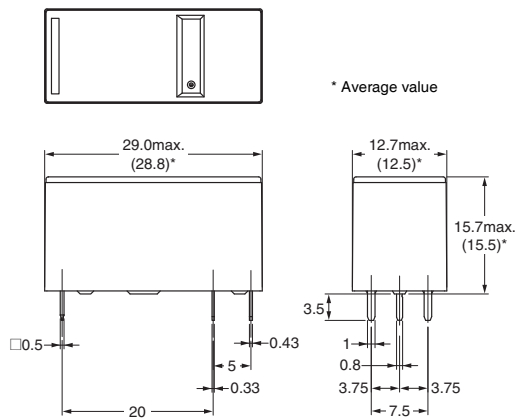
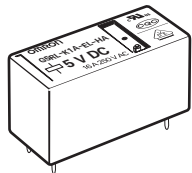


Terminal Arrangement/ Internal Connections (BOTTOM VIEW)

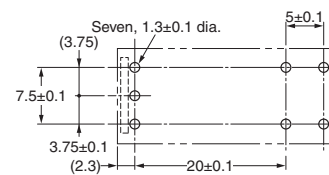


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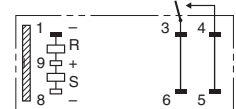
G5RL-K1A-EL-HA



PCB Mounting Holes (BOTTOM VIEW)

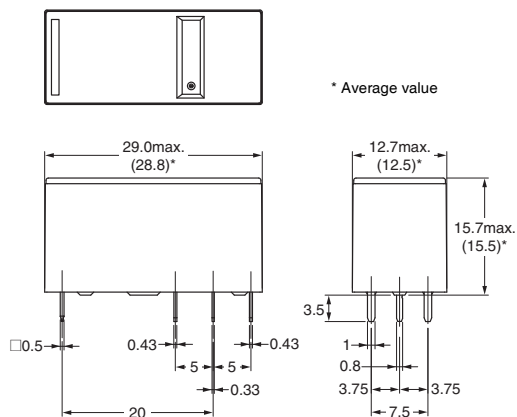
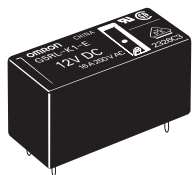


Terminal Arrangement/ Internal Connections (BOTTOM VIEW)

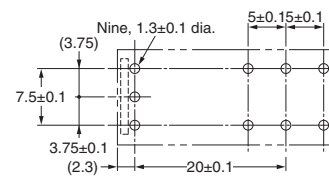


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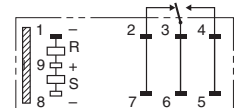
G5RL-K1-E



PCB Mounting Holes (BOTTOM VIEW)



Terminal Arrangement/ Internal Connections (BOTTOM VIEW)



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