

# Slim I/O Relay G2RV-SR/G3RV-SR

**Global standard size,  
low profile slim I/O relay with width 6.2 mm,  
slim I/O solid state relay**



For the recent information on models that have been certified for safety standards, refer to your OMRON website.

- Realized about 25% lower profile than conventional products, contributing to further miniaturization of the control panel.
- Push-In Plus technology are used to save wiring work in comparison with conventional screw terminals. (Wiring time is reduced by 60%\* in comparison with traditional screw terminals.)
- No screw loosening means maintenance-free application, realizing high reliability
- 'Hand-free' structure that holds an inserted flat-blade screwdriver to achieve easier wiring work for stranded wires.
- Screw terminal is also stocked to meet the screw type needs.
- Mounted relay or solid-state relay has a plug-in terminal that is difficult to bend at the time of exchange.

\* According to OMRON actual measurement data from November 2015.

Refer to *Safety Precautions* on page 20.

## Slim I/O Relay Types

**G2RV-SR series** mounted relay: electromagnetic relay ..... from page 2

**G3RV-SR series** mounted relay: solid state relay ..... from page 10

## Common matter

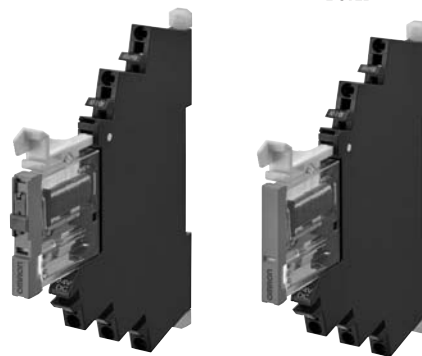
**Common precautions** ..... from page 20

**Common accessories (order separately)**..... from page 25

# Slim I/O Relay G2RV-SR

## Global standard size, low profile slim I/O relay with width 6.2 mm

- Realized about 25% lower profile than conventional products, contributing to further miniaturization of the control panel.
- Realized opening and closing ability with one pole 6 A slim shape.
- Micro load products for one pole 50 mA using Au-plated contacts for small load switching also available.
- Since G2RV is a transparent case, confirming the state of the contact with the naked eye is possible, and easy to confirm abnormality on-site (installed location).
- Screw terminal is also stocked to meet the screw type needs.
- Mounted relay uses plug-in terminals that are difficult to bend when exchanging.
- G3RV-SR featuring a solid state relay similar in shape to G2RV-SR also available.



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Refer to *Safety Precautions* on page 20.

## Features

### Standard model/Micro load

- Terminal x 5
- Push-in
- Screw
- Release lever
- Operation display LED (Socket section)
- Mechanical indicator
- Operation verification which is linked to the contact

### With latching lever (Test switch)

- Protective cover (Locked condition)
- Latching lever (Test switch)
- Circuit check operation Confirmation, reducing the inspection effort
- Protective cover (Released state)
- Latching lever (Test switch)

### Push-In Plus technology

- Short bar insertion holes
- Release hole
- Terminal (insertion) hole

**PAT**

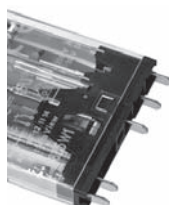
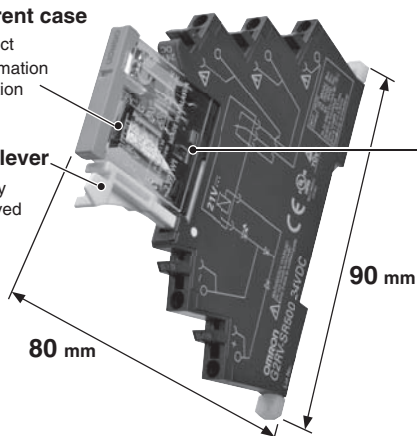
"Foreign matter intrusion prevention structure"  
"Malfunction prevention stopper"

### Transparent case

- Relay contact
- Easy confirmation of the situation

### Release lever

- Relay easily fixed/removed



### Plug-in terminal

- Peace of mind as the terminal does not bend when replacing