

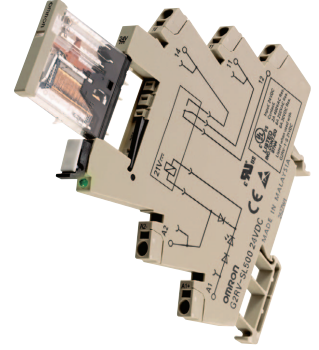
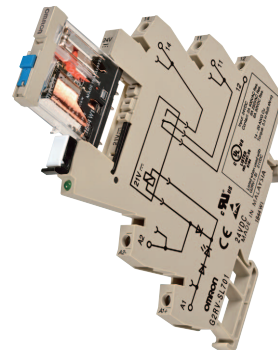
# Slim Relay G2RV

## The only truly industrial 6 mm relay

- Lockable test switch models now available.
- Large plug-in terminals for reliable connection.
- LED indicator and mechanical flag for status indication.
- Input type with gold plated contacts available.
- Transparent housing allows inspection of contact condition.
- Slim width to save space.
- Push-in terminals and accessories for easy wiring.
- Lloyd's approval (pending)

Test switch type

No test switch type

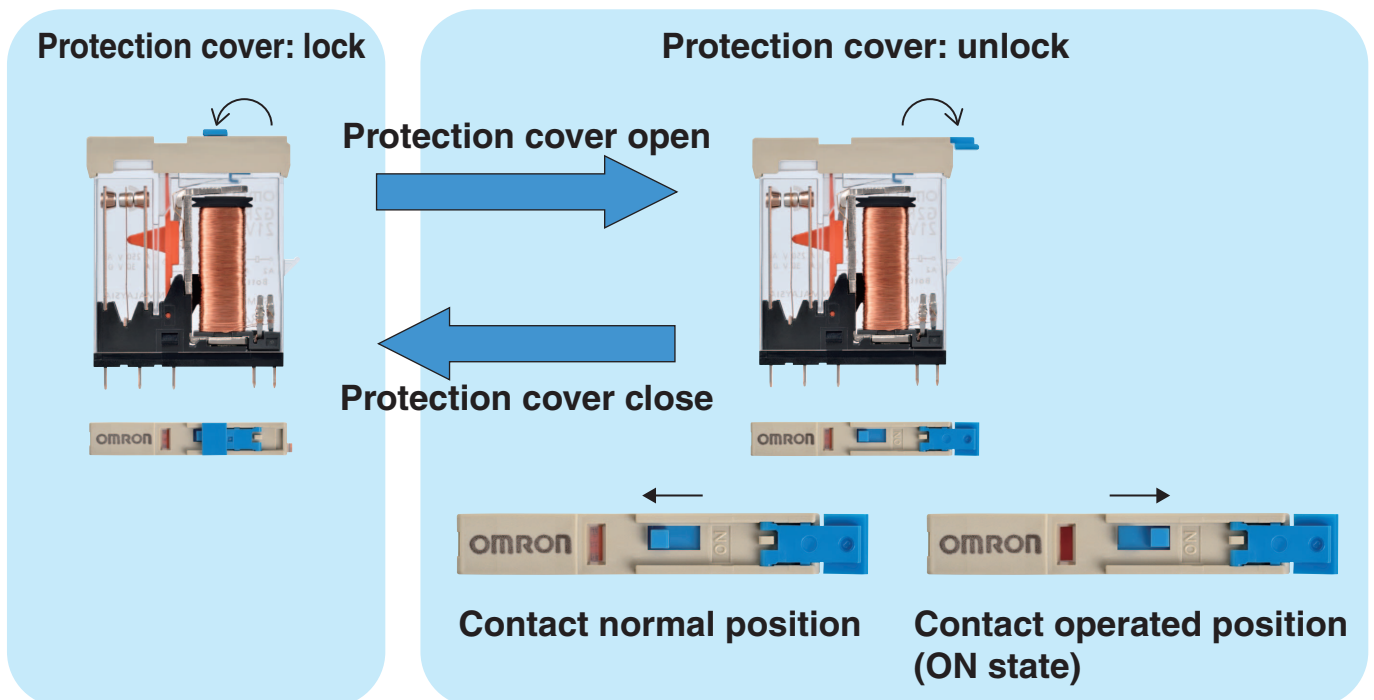


**PATENTED**



## Features

### ■ Test switch operation



#### OMRON Lockable test switch can be used in this way:

When the protection cover (located directly over the test switch) is closed, the test switch is retained in normal position (OFF state) by the protection cover. After opening the protection cover, the test switch can be unlocked. The test switch can then be moved to the operated position (ON state). After using the test switch, move it to the normal position (OFF state) and close the protection cover to prevent unwanted operation of the test switch.

\* Please check Precautions (Page. 17 : Precaution of test switch operation) when using test switch.

#### Application of test switch:

Example: Checking operation of Relays and sequence circuits.

# Model Number Structure

## Model Number Legend

G2RV-SL     -    

1   2   3   4   5   6

### 1. Auxiliary Type Designation

SL: Slim relay and socket combination

### 2. Wire Connection

7: Screw terminals

5: Push-in terminals

### 3. Relay LED

0: Without LED

### 4. Relay Test switch

0: No test switch type

1: Test switch type

### 5. Contact form

AP: Input type

Blank: Standard type

### 6. Input Voltage

**Note:** LED indicator available on socket.

## Ordering Information

### List of Models

| Classification    |                 | Enclosure rating | Input voltage | Type of connection | Test switch | Contact form (SPDT) |               |
|-------------------|-----------------|------------------|---------------|--------------------|-------------|---------------------|---------------|
|                   |                 |                  |               |                    |             | Standard type       | Input type    |
| Plug-in terminals | General-purpose | Unsealed         | AC/DC         | Screw terminals    | No          | G2RV-SL700          | G2RV-SL700-AP |
|                   |                 |                  |               |                    | Yes         | G2RV-SL701          | ---           |
|                   |                 |                  |               | Push-in terminals  | No          | G2RV-SL500          | G2RV-SL500-AP |
|                   |                 |                  |               |                    | Yes         | G2RV-SL501          | ---           |

### Relay and Socket Combinations

#### No test switch type

| Input voltage | Contact form (SPDT)                 |                      |                                  |                         |
|---------------|-------------------------------------|----------------------|----------------------------------|-------------------------|
|               | Standard type (No test switch type) |                      | Input type (No test switch type) |                         |
|               | Screw terminals                     | Push-in terminals    | Screw terminals                  | Push-in terminals       |
| 12 VDC        | G2RV-SL700 12 VDC                   | G2RV-SL500 12 VDC    | G2RV-SL700-AP 12 VDC             | G2RV-SL500-AP 12 VDC    |
| 24 VDC        | G2RV-SL700 24 VDC                   | G2RV-SL500 24 VDC    | G2RV-SL700-AP 24 VDC             | G2RV-SL500-AP 24 VDC    |
| 24 VAC/DC     | G2RV-SL700 24 VAC/DC                | G2RV-SL500 24 VAC/DC | G2RV-SL700-AP 24 VAC/DC          | G2RV-SL500-AP 24 VAC/DC |
| 48 VAC/DC     | G2RV-SL700 48 VAC/DC                | G2RV-SL500 48 VAC/DC | G2RV-SL700-AP 48 VAC/DC          | G2RV-SL500-AP 48 VAC/DC |
| 110 VAC       | G2RV-SL700 110 VAC                  | G2RV-SL500 110 VAC   | G2RV-SL700-AP 110 VAC            | G2RV-SL500-AP 110 VAC   |
| 230 VAC       | G2RV-SL700 230 VAC                  | G2RV-SL500 230 VAC   | G2RV-SL700-AP 230 VAC            | G2RV-SL500-AP 230 VAC   |

#### Test switch type

| Input voltage | Contact form (SPDT)              |                      |                               |                   |
|---------------|----------------------------------|----------------------|-------------------------------|-------------------|
|               | Standard type (Test switch type) |                      | Input type (Test switch type) |                   |
|               | Screw terminals                  | Push-in terminals    | Screw terminals               | Push-in terminals |
| 24 VDC        | G2RV-SL701 24 VDC                | G2RV-SL501 24 VDC    | ---                           | ---               |
| 24 VAC/DC     | G2RV-SL701 24 VAC/DC             | G2RV-SL501 24 VAC/DC | ---                           | ---               |