

Solid state relay for maintenance

Model Number Legend

G3RV-□□S□□
 (1) (2) (3) (4) (5)

(1) Output voltage specification
 D: DC output
 2: AC output

(2) Rated current
 02: AC output 2 A
 03: DC output 3 A

(3) Terminal
 S: Plug-in type

(4) Zero cross functions
 Blank: Zero cross function available
 L: Zero cross function not available

(5) Rated input voltage
 Number: 12, 24, 48 VDC



List of Models

| Insulation method | Operation Display | Output (SSR) | Zero cross Function | Rated output Load * | Rated input voltage (socket) | Model | Applicable model | | |
|-------------------|---------------------------|-----------------------|---------------------|----------------------------|------------------------------|----------------------|---------------------------|-----------------|------------------------|
| Photo-triac | Yes (green) | AC | Yes | 2 A (at 100 to 240 VAC) | 12 VDC | G3RV-202S DC12 | G3RV-SR700/500-A DC12V | | |
| | | | | | 24 VDC | G3RV-202S DC24 | G3RV-SR700/500-A DC24V | | |
| | | | | | 24 VAC/VDC | | G3RV-SR700/500-A AC/DC24V | | |
| | | | | | 48 VAC/VDC | G3RV-202S DC48 | G3RV-SR700/500-A AC/DC48V | | |
| | | | | | 100 VAC | | G3RV-SR700/500-A AC100V | | |
| | | | | | 110 VAC | | G3RV-SR700/500-A AC110V | | |
| | | | | | 200 VAC | | G3RV-SR700/500-A AC200V | | |
| | | | | | 230 VAC | | G3RV-SR700/500-A AC230V | | |
| | | | | | 12 VDC | G3RV-202SL DC12 | G3RV-SR700/500-AL DC12V | | |
| | | 24 VDC | G3RV-202SL DC24 | G3RV-SR700/500-AL DC24V | | | | | |
| | | 24 VAC/VDC | | G3RV-SR700/500-AL AC/DC24V | | | | | |
| | | 48 VAC/VDC | G3RV-202SL DC48 | G3RV-SR700/500-AL AC/DC48V | | | | | |
| | | 100 VAC | | G3RV-SR700/500-AL AC100V | | | | | |
| | | 110 VAC | | G3RV-SR700/500-AL AC110V | | | | | |
| | | 200 VAC | | G3RV-SR700/500-AL AC200V | | | | | |
| | | 230 VAC | | G3RV-SR700/500-AL AC230V | | | | | |
| | | Photo-voltage coupler | | DC | - | 3 A (at 5 to 24 VDC) | 12 VDC | G3RV-D03SL DC12 | G3RV-SR700/500-D DC12V |
| | | | | | | | 24 VDC | G3RV-D03SL DC24 | G3RV-SR700/500-D DC24V |
| 24 VAC/VDC | G3RV-SR700/500-D AC/DC24V | | | | | | | | |
| 48 VAC/VDC | G3RV-D03SL DC48 | | | | | | G3RV-SR700/500-D AC/DC48V | | |
| 100 VAC | | | | | | | G3RV-SR700/500-D AC100V | | |
| 110 VAC | | | | | | | G3RV-SR700/500-D AC110V | | |
| 200 VAC | | | | | | | G3RV-SR700/500-D AC200V | | |
| 230 VAC | | | | | | | G3RV-SR700/500-D AC230V | | |

* Different depending on the ambient temperature.
 For more details, refer to *Load current vs. ambient rated temperature* on page 16.

Accessories (order separately)

Refer to page 26 for G2RV-SR/G3RV-SR Common Accessories.

G2RV-SR

G3RV-SR

Common Precautions

Common Accessories