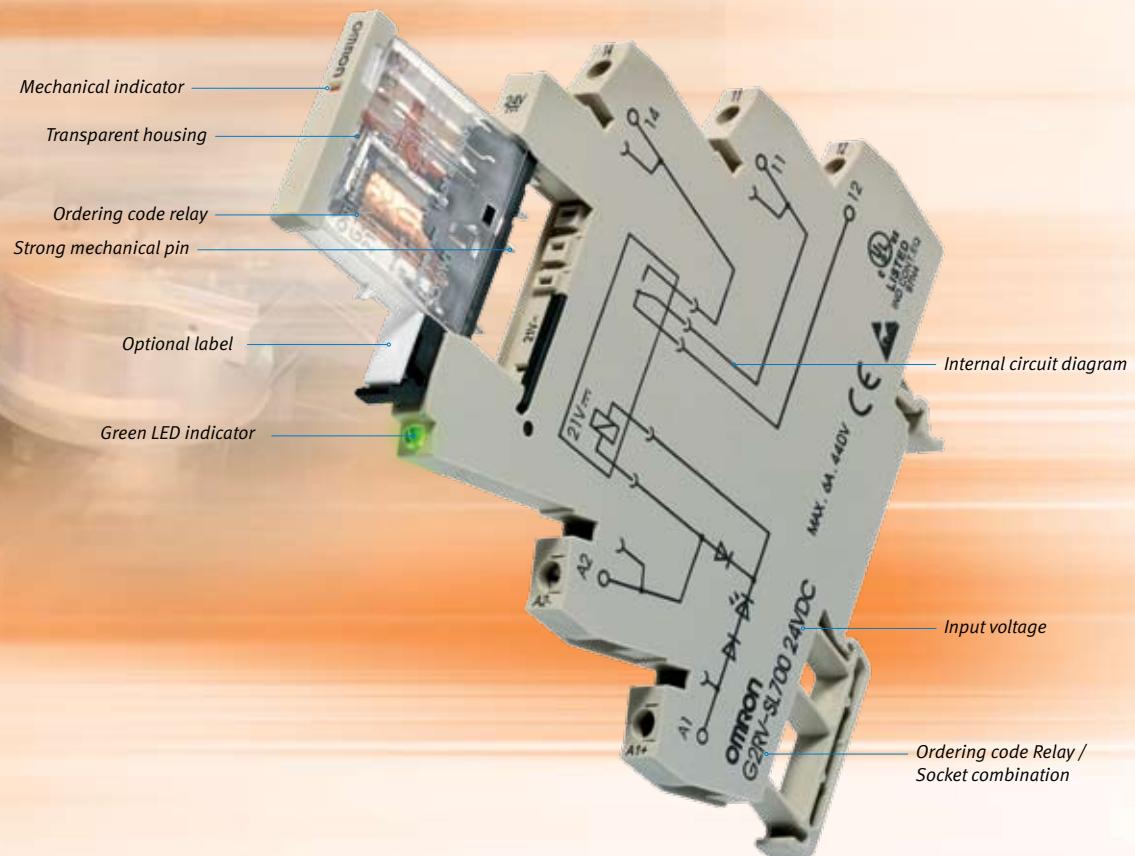


Non-bendable!

First 6 mm relay with strong mechanical pins



Strong mechanical pin

The G2RV incorporates a strong mechanical pin to avoid bending during replacement, whilst big contact surface ensures reliable connection between socket and relay.

Visible indication

The G2RV relay features a mechanical indicator and an LED indicator, so you can easily check movement of the contacts and the voltage applied to the coil.

Space saving

Drawing on its years of experience with relays, Omron is now introducing its G2RV industrial slim relay. With a width of only 6 mm, it offers significant space saving without compromising relay reliability and features.

The versatile performer

The G2RV relay is easy to interface with PLCs, making it ideal for a range of industrial control applications as well as domestic equipment and installations.

Meets customer requirements

The G2RV relay perfectly meets the needs of manufacturers like panel and machine builders looking to cut costs by reducing panel size. Its slim width allows modules to be downsized and the number of I/O lines to be increased. Relay and socket are sold as a combination, with relays available separately for maintenance purposes.

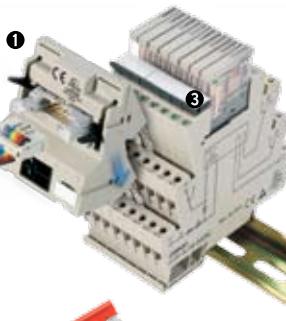
Constructed to the highest standards

G2RV relays are built to Omron's own high quality and environmentally-friendly standards, so a long, reliable working life is guaranteed. They meet all relevant international standards, like cULus, VDE and CE.



Screw- and Push-in terminals

Wiring up the sockets is possible by conventional Screw terminals (Box Clamp) or Push-in technology alternatively, which is an improvement of current known Screw Less Clamp technology and do not require the use of a tool such as a screwdriver, thus further simplifying wiring and saving time.



Range of accessories

- ① Output interface module to quickly connect a PLC to multiple G2RV sockets
- ② Cross-bars in various colours and number of poles
- ③ Label for identification

Ordering information

Relay / Socket combination		
Input voltage	Screw terminals	Push-in terminals
12 VDC	G2RV-SL700-12 VDC	G2RV-SL500-12 VDC
24 VDC	G2RV-SL700-24 VDC	G2RV-SL500-24 VDC
24 VAC/DC	G2RV-SL700-24 VAC/DC	G2RV-SL500-24 VAC/DC
48 VAC/DC	G2RV-SL700-48 VAC/DC	G2RV-SL500-48 VAC/DC
110 VAC	G2RV-SL700-110 VAC	G2RV-SL500-110 VAC
230 VAC	G2RV-SL700-230 VAC	G2RV-SL500-230 VAC

Accessories		
Type	Description	Ordering code
Cross bar	2 poles	P2RVM-020□
Cross bar	3 poles	P2RVM-030□
Cross bar	4 poles	P2RVM-040□
Cross bar	10 poles	P2RVM-100□
Cross bar	20 poles	P2RVM-200□
PLC interface	Connect 8 relays and PLC output	P2RVC-8-O-F*
Label	Plastic, for mounting on socket	R99-15 for G2RV

□ select colour: R = Red, S = Blue, B = Black

* Release Q3 2006

Specification*

Relay / Socket combination		
Contact form	SPDT	
Input voltage	DC 12, 24	AC/DC 24, 48 110, 230
Rated load	6 A @ 250 VAC 6 A @ 30 VDC	
Max. switching voltage	400 VAC	
Max. switching current	6 A	
Max. switching power	1,500 VA / 180 W	
Min. permissible load	10 mA @ 5 VDC	
Mechanical durability	5 Million operations	
Electrical durability (Rated load)	100K operations (typical)	
Dielectric strength	6KV	
Ambient temperature	-40...+55°C	
Approved standards	CE, VDE, cULus	
Dimensions (WxHxT)	92.5 x 107 x 6.2 mm	

* For full details see www.omron-industrial.com/slimrelay

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