

G2RS Industrial Plug-in Relays

Slimline relay with enhanced features adds flexibility and durability to applications



- Color-coded coils to indicate AC (red) or DC (blue) relay for quick identification
- Lockable test button simplifies circuit diagnostics
- Color coded mechanical operation indicator (blue= DC, red=AC) provide easy identification of circuit
- Versions available with LED indicator
- DC Coil versions with surge suppression diode (across the coil) available

Applications

- Plastic Injection Machines
- Shrink Wrap Machines
- Vertical Packaging Machines
- Safety Systems
- Heat Tunnels
- Robotic Systems
- Horizontal Packaging Machines
- Conveyor Systems

Markets

- Automotive
- Packaging
- Semiconductor
- Waste Water Treatment Plants
- Security Detention Centers
- Energy

Ordering Information

Quick Link **R225** omron247.com

Rated resistive load	Contact form	Terminal type	LED indicator	Diode	Two position test button	Coil voltage	Model
10 A @ 250 VAC	SPDT	Plug-in	No	No	No	120 VAC	G2R-1-S AC120 (S)
10 A @ 250 VAC	SPDT	Plug-in	No	No	No	24 VDC	G2R-1-S DC24 (S)
10 A @ 250 VAC	SPDT	Plug-in	Yes	No	No	120 VAC	G2R-1-SN AC120 (S)
10 A @ 250 VAC	SPDT	Plug-in	Yes	Yes	No	24 VDC	G2R-1-SND DC24 (S)
10 A @ 250 VAC	SPDT	Plug-in	Yes	Yes	Yes	24 VDC	G2R-1-SNDI DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	No	No	No	24 VDC	G2R-2-S DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	No	No	120 VAC	G2R-2-SN AC120 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	Yes	No	24 VDC	G2R-2-SND DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	Yes	Yes	24 VDC	G2R-2-SNDI DC24 (S)
5 A @ 250 VAC	DPDT	Plug-in	Yes	No	Yes	120 VAC	G2R-2-SNI AC120 (S)

Accessories (Order Separately) - Connecting Sockets

Applicable Relay Model	Track/Surface-mounting Socket		Back-mounting Socket	
	Screwless Clamp Terminal (see note.)	Screw Terminal	Terminals	Model
1 pole G2R-1-S(N)(D)(ND)(NI)(NDI)	P2RF-05-S + P2CM-S	P2RF-05-E P2RF-05	PCB terminals	P2R-05P, P2R-057P
			Solder terminals	P2R-05A
2 poles G2R-2-S(N)(D)(ND)(NI)(NDI)	P2RF-08-S + P2CM-S	P2RF-08-E P2RF-08	PCB terminals	P2R-08P, P2R-087P
			Solder terminals	P2R-08A

Note: 1. Use of P2CM Clips are optional. However, use of the P2CM Clip & Release Lever is recommended to ensure stable mounting.
 2. "-E" models are of finger-safe product construction. Round terminals cannot be used. Use Y-shaped terminals.

Accessories for Screwless Clamp Terminal Socket (Option)

Name	Model
Clip & Release Lever	P2CM-S
Nameplate	R99-11 Nameplate for MY
Socket Bridge	P2RM-SR (for AC), P2RM-SB (for DC)