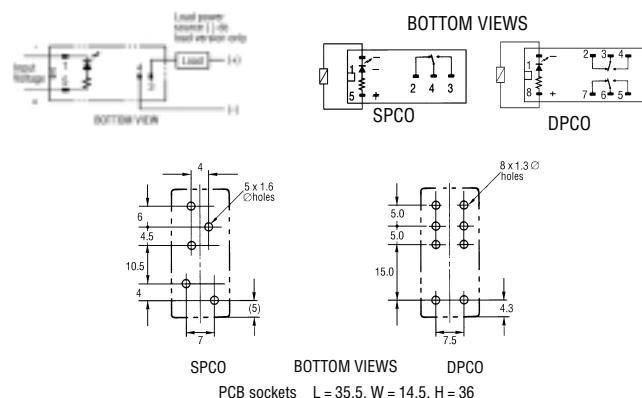


Plug-In Power Relays — continued

2A/5A/10A with Opto Indicator – G2R/G3R Series

OMRON

Solid State and Electromechanical



Slim styled relays ideal for space saving when used as an interface between a PLC and input/output devices. Both relays have LED or neon indicators, diode suppression and/or push to test button.

The solid state relay is ideal for fast solenoid switching, and features zero voltage switching on the ac output version.

The plug in terminals give good electrical and mechanical connections when used with the easy eject socket. Terminals accept 4.8 0.5mm "fast-on" connectors. **UL** and **CSA** approved.

G2R Electromechanical Relay

Contact arrangement	SPCO/DPCO	Coil consumption	530mW
Contact rating:	10A @ 250V ac/30V dc	Operate/Release	15ms/5ms (dc) 10ms (ac)
	DPCO	Coil operating range	80 – 120% @ 50°C
Contact material	Silver cadmium oxide	Temperature range	-40°C to +70°C

G3R/G3RD Solid State Relay

Control voltage	4-32V dc	Load current	0.1 – 2A (G3R) 0.01 – 2A (G3RD)
Input resistance	1500Ω	Blocking voltage	400V (G3R)
Isolation	2500V ac	Temperature range	-30°C to +80°C
Load voltage	75 – 264V ac (G3R) 3 – 52.8V dc (G3RD)		

Mfrs. List No. P2RF05E = 179-343, P2R05P = 179-344, P2RF08E = 224-730, P2R08P = 224-741

rel119

COIL			Price Each				
Volts	Ω	Order Code	1+	20+	100+	250+	500+
SPCO, 10A - G2R-1SEN Series							
24V ac	260	.210-584					
110V ac	4600	.210-596					
220V ac	15600	.210-602					
12V dc	275	.210-614					
24V dc	1100	.210-572					
SPCO, 10A + Diode-G2R-1-SND Series							
12V dc	275	.388-750					
24V dc	1100	.388-762					
SPCO, 10A + Test Button - G2R1-SNI Series							
24V ac	260	.388-786					
110V ac	4600	.388-798					
220V ac	15600	.388-804					
12V dc	275	.388-816					
24V dc	1100	.388-828					
SPCO, 10A + Diode + Test Button - G2R-1-SNDI Series							
12V dc	275	.388-907					
24V dc	1100	.388-920					

Price Each
1+ 20+ 100+ 250+ 500+

DPCO, 5A - G2R-2SN Series

24V ac	260	.224-686
110V ac	4600	.224-698
220V ac	15600	.224-704
12V dc	275	.224-716
24V dc	1100	.224-728

DPCO, 5A + Diode-G2R-2-SND Series

12V dc	275	.388-932
24V dc	1100	.388-956

DPCO, 5A + Test Button - G2R-2-SNI Series

24V ac	260	.388-968
110V ac	4600	.388-970
220V ac	15600	.388-981
12V dc	275	.388-993
24V dc	1100	.389-006

DPCO, 5A + Diode + Test Button - G2R-2-SNDI Series

12V dc	275	.389-020
24V dc	1100	.389-031

DC Input AC Output - GR3-0A202SZN

—	—	.179-341
---	---	----------

DC Input DC Output - G3RD-0DX02SN

—	—	.179-342
---	---	----------

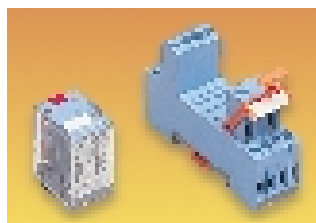
Sockets

SPCO surface/DIN rail	.179-343
SPCO PCB	.179-344
DPCO surface/DIN rail	.224-730
DPCO PCB	.224-741

Label (1 100) for Surface/DIN rail sockets
Common busbar (connects 16 surface/DIN rail sockets)
.389-043
.389-055

3A Miniature-Full Featured QRC C9 series

RELECO



H = 37, W = 21, D = 28 H = 36, W = 22.5, L = 70

A range of 4PCO relays with features including a colour lockable "Pull to test" button, lamp indication of coil status, mechanical flag indication of contact position and labelling facility.

The 24V dc version is also available with incorporated diodes to protect the relay from incorrect connection and to protect external equipment such as PLC's from spikes generated by the relay on switch off.

The sockets are a space saving 22.5mm wide allowing maximum packing density. The DIN rail socket features touch-proof terminals, retention clip with identification label, and bracket allowing surface or DIN rail mounting.

All relays and socket have **CSA**, **UL** and **SEV** approval.

Contact arrangement	4PCO
Contact rating	3A
Max. switched voltage	250V ac
Max. switched power	660VA/75W
Contact material	Silver nickel gold flashed
Coil consumption	1.5VA/0.9W
Operate/release	10ms/3.5ms
Coil operating range	80-110%
Temperature range	-20°C to +60°C
Cover	Clear polycarbonate, UL94V-0
Relay base	Grey valox, UL94V-0
Socket	Blue noryl, UL94V-1

rel167

COIL		Mftrs.			Price Each		
Volts	Ω	List No.	Order Code	1+	20+	100+	250+
4PCO							
24V ac	160	C9-A41X24A	.515-978				
115V ac	3500	C9-A41X115A	.515-980				
230V ac	13800	C9-A41X230A	.515-991				
24V dc	640	C9-A41X24D	.516-004				
24V dc							
(diodes)	640	C0-A41FX24D	516-016				
Socket							
Surface/Din rail		S9-M	.516-028				