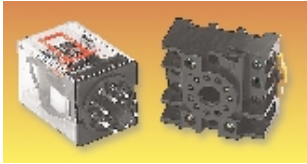


General Purpose — MY Series

5A



- Plug-in socket/solder terminals (MY2N & MY4N include indicator)
- Withstand voltage of 200Vac
- **UL** and **CSA** approved

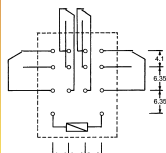
H = 36mm (excluding pins)

| | MY2 series | MY4 series |
|------------------------|--------------------------------------|---------------------------|
| Contact Rating | | |
| Contact form | DPDT | 4PDT |
| Rated load (resistive) | 5A @220Vac/24Vdc | 3A @220Vac/24Vdc |
| Max. switch current | 5A | 3A |
| Coil rating | | |
| Rated Voltage | 6 to 220/240 Vac 6 to 100/110 Vdc | 6 to 100Vac 6 to 24Vdc |
| Mechanical life | 50,000,000 (AC) 100,000,000 (DC) | 100,000,000 |
| Electrical life | 500,000 | 200,000 |
| Temperature range | -55°C to 70°C | -55°C to +70°C |

REL268/SI

| Voltage | Coil | | Mfrs. List no. | Order Code | Price Each | | |
|--|-------|--|----------------|-----------------|------------|----|-----|
| | Ω | | | | 1+ | 5+ | 10+ |
| 24Vac | 180 | | MY2 AC24 | 186-260 | | | |
| 100/110Vac | 3750 | | MY2 AC100/110 | 357-9827 | | | |
| 220/240Vac | 18970 | | MY2 AC220/240 | 186-284 | | | |
| 12Vdc | 160 | | MY2 DC12 | 186-235 | | | |
| 24Vdc | 650 | | MY2 DC24 | 186-247 | | | |
| 110/110Vac | 3750 | | MY2N AC100/110 | 357-9839 | | | |
| 200/240Vac | 18970 | | MY2N AC220/240 | 186-340 | | | |
| 12Vdc | 160 | | MY2N DC12 | 186-296 | | | |
| 24Vdc | 650 | | MY2N DC24 | 186-302 | | | |
| 24Vac | 180 | | MY4 AC24 | 186-480 | | | |
| 110/110 Vac | 3750 | | MY4 AC100/110 | 357-9074 | | | |
| 220/240Vac | 18790 | | MY4 AC220/240 | 186-508 | | | |
| 24Vdc | 650 | | MY4 DC24 | 186-466 | | | |
| 100/110Vac | 3750 | | MY4N AC100/110 | 357-9815 | | | |
| 110/120Vac | 4430 | | MY4N AC110/120 | 357-9116 | | | |
| 220/240Vac | 18790 | | MY4N AC220/240 | 186-569 | | | |
| Square socket - 8-pin, din rail - screw mounting | | | PYF08A-E | 529-734 | | | |

5A Miniature — MY4-02 Series



- Direct PCB mounting version of the Omron MY4 power relay
- **UL** approval

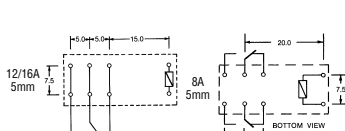
L = 28.0, W = 21.5, H 35.5

| | | | |
|---------------------|-------------------------------------|----------------------|------------------|
| Contact arrangement | 4PCO | Coil consumption | 0.9W dc 1.2VA ac |
| Contact rating | 5A @ 240V ac, 30V dc (resistive) | Operate/Release | 20ms max |
| Contact material | Silver, Gold plated | Coil operating range | 80 – 110% |
| | | Temperature range | -25°C to +70°C |

REL039

| Volts | COIL | | Order Code | Price Each | | | | |
|-----------------------------|------|--|----------------|------------|-----|------|------|------|
| | Ω | | | 1+ | 20+ | 100+ | 250+ | 500+ |
| 4PCO — MY4-02 Series | | | | | | | | |
| 12V dc | 160 | | 170-906 | | | | | |
| 24V dc | 650 | | 170-907 | | | | | |
| 110V ac | — | | 170-908 | | | | | |
| 230V ac | — | | 170-909 | | | | | |

8A/12A/16A



H = 15.7, W = 12.7, D = 29

- SPCO and DCPO contacts
- Low profile 15.7mm in height
- High sensitivity 400mW coil
- Cadmium free contacts
- 10mm Creepage and clearance distance
- **UL, CSA** and **VDE** approved

| | | | |
|---------------------|---|----------------------|-----------------------------|
| Contact arrangement | SPCO/DCPO | Operate/Release | 7ms/5ms |
| Contact rating | SPCO 12A @ 240V ac, 30Vdc 16A @ 240V ac, 30Vdc DCPO 8A @ 240V ac, 30Vdc | Coil operating range | 70 - 130% |
| Contact material | 12A/16A AgSnO2 8A AgNi | Temperature range | -40°C to 85°C |
| | | Coil consumption | 5/12/24V 400mW 48V 430mW |

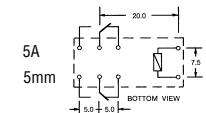
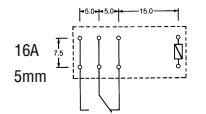
rel263

| Volts | COIL | | Order Code | Price Each | | | |
|----------------------------------|------|--|-----------------|------------|-----|------|------|
| | Ω | | | 1+ | 20+ | 100+ | 250+ |
| SPCO, 12A - G2RL1 Series | | | | | | | |
| 5Vdc | 62.5 | | 320-5990 | | | | |
| 12Vdc | 360 | | 320-6002 | | | | |
| 24Vdc | 1440 | | 320-6014 | | | | |
| 48Vdc | 5358 | | 320-6026 | | | | |
| SPCO, 16A - G2RL1E Series | | | | | | | |
| 5Vdc | 62.5 | | 320-6038 | | | | |
| 12Vdc | 360 | | 320-6040 | | | | |
| 24Vdc | 1440 | | 320-6051 | | | | |
| 48Vdc | 5358 | | 320-6063 | | | | |
| DPCO, 8A - G2R2L Series | | | | | | | |
| 5Vdc | 62.5 | | 320-6075 | | | | |
| 12Vdc | 360 | | 320-6087 | | | | |
| 24Vdc | 1440 | | 320-6099 | | | | |
| 48Vdc | 5358 | | 320-6105 | | | | |

5A/10A/16A Vertical — G2R Series



L = 29.0, W = 13.0, H = 25.5



- SPCO contacts
- Dielectric strength 5kV ac coil/contacts with creepage distance 8mm minimum
- Pin sealed base to facilitate flow soldering
- **UL, CSA, SEMKO** and **SEV** approved

| | | | |
|---------------------|--|----------------------|----------------|
| Contact arrangement | SPCO/DPCO | Operate/Release | 15ms/15ms |
| Contact rating | SPCO 10A @ 240V ac, 30V dc 16A @ 240V ac, 30V dc DPCO 5A @ 240V ac, 30V dc | Coil operating range | 70 – 110% |
| Contact material | 10A/16A Silver cadmium oxide 5A Silver | Temperature range | -40°C to +70°C |
| Coil consumption | 0.53W | | |

REL048

| Volts | COIL | | Order Code | Price Each | | | | |
|-----------------------------------|-------|--|-----------------|-----------------|-----|------|------|------|
| | Ω | | | 1+ | 20+ | 100+ | 250+ | 500+ |
| SPCO, 10A — G2R-1 Series | | | | | | | | |
| 24V ac | 260 | | 625-954 | | | | | |
| 110V ac | 5500 | | 625-966 | | | | | |
| 230V ac | 26850 | | 625-978 | | | | | |
| 5V dc | 47 | | .179-324 | | | | | |
| 12V dc | 275 | | .179-325 | | | | | |
| 24V dc | 1100 | | .179-326 | | | | | |
| 48V dc | 4170 | | .179-327 | | | | | |
| SPCO, 16A — G2R-1-E Series | | | | | | | | |
| 5V dc | 47 | | .179-328 | | | | | |
| 12V dc | 275 | | .179-329 | | | | | |
| 24V dc | 1100 | | .179-330 | | | | | |
| 48V dc | 4170 | | 179-331 | | | | | |
| DPCO, 5A - G2R-2 Series | | | | | | | | |
| 24V ac | 260 | | 625-980 | | | | | |
| 110V ac | 5500 | | 625-991 | | | | | |
| 230V ac | 26850 | | .626-004 | | | | | |
| 5V dc | 47 | | .179-332 | | | | | |
| 12V dc | 275 | | .179-333 | | | | | |
| 24V dc | 1100 | | .179-334 | | | | | |
| 48V dc | 4170 | | 179-335 | | | | | |
| Sockets | | | | 1+ | 20+ | 100+ | | |
| SPCO Surface/DIN rail | | | | .179-343 | | | | |
| SPCO PCB | | | | .992-070 | | | | |
| SPCO Surface/DIN rail | | | | .224-730 | | | | |
| DPCO PCB | | | | .992-082 | | | | |

continued