

PLC-RELAY Series

The new Phoenix ultra-narrow 6.2 mm or 14 mm interposing relay generation includes over 200 relay variations, including relays for Class I, Division 2 hazardous locations. Options range from plug-in relays with SPDT or DPDT contacts to plug-in, wear-free solid state relays (SSR) with AC or DC input/output. Connecting commons or supplying a source voltage to contacts is accomplished by press-fit, bridging 6.2 mm and 14 mm relays together.



PLC RELAYS, 6.2 mm-width and 14 mm-width versions

Features ▶

- Over 200 different PLC RELAYS to choose from, all available with screw or spring-cage terminations
- 14 mm DPDT, high-current, and high-inrush-current versions
- 6.2 mm electromechanical or solid state relays
- Space-independent bridging system
- Integrated LED, reverse polarity, and kickback diodes

Benefits ▶

- Cost-effective plug-in relays instead of costly PLC relay cards
- Uses less space than conventional "ice cube" relays
- Fast and easy wiring using press-fit bridging
- Gold-plated contacts available for low-current signals
- Solid state relays for "no wear" high-frequency switching

Applications ▶

- PLC input modules
- PLC output modules
- Actuators
- Lamp loads
- Sensors

Product Specifications ▶

Part Number*	Type	Terminal Type	Dimensions W x H x D (mm)	Coil or Input Voltage/ Current	Configuration/ Current	Minimum Current (mA)	Contact Material	Maximum Voltage	Minimum Voltage
2966906	PLC-RSC-12DC/21	Screw clamp	6.2 x 80 x 94	12 VDC/15.3 mA	SPDT/6A	10	AgSnO	250 VAC/DC	12 VAC/DC
2966171	PLC-RSC-24DC/21	Screw clamp	6.2 x 80 x 94	24 VDC/9 mA	SPDT/6A	10	AgSnO	250 VAC/DC	12 VAC/DC
2966197	PLC-RSC-120UC/21	Screw clamp	6.2 x 80 x 94	120 VAC or DC/3.5 mA	SPDT/6A	10	AgSnO	250 VAC/DC	12 VAC/DC
2966265	PLC-RSC-24DC/21 AU	Screw clamp	6.2 x 80 x 94	24 VDC/9 mA	SPDT/50 mA	1	AgSnO/AU	30 VAC/36 VDC	100 mV
2966281	PLC-RSC-120UC/21 AU	Screw clamp	6.2 x 80 x 94	120 VAC or DC/3.5 mA	SPDT/50 mA	1	AgSnO/AU	30 VAC/36 VDC	100 mV
2967235	PLC-RSC-12DC/21-21	Screw clamp	14 x 80 x 94	12 VDC/33 mA	DPDT/6A	10	AgNi	250 VAC/DC	5V
2967060	PLC-RSC-24DC/21-21	Screw clamp	14 x 80 x 94	24 VDC/18 mA	DPDT/6A	10	AgNi	250 VAC/DC	5V
2967086	PLC-RSC-120UC/21-21	Screw clamp	14 x 80 x 94	120 VAC or DC/17.5 mA	DPDT/6A	10	AgNi	250 VAC/DC	5V
2966634	PLC-OSC-24DC/24DC/2	Screw clamp	6.2 x 80 x 94	24 VDC/9 mA	SSR/2A	NA	NA	33V DC	3 VDC
2967879	PLC-OSC-24DC/230AC/1	Screw clamp	6.2 x 80 x 94	24 VDC/9 mA	SSR/1A	10	NA	253 VAC	24 VAC
2967620	PLC-RSC-24DC/21HC	Screw clamp	14 x 80 x 94	24 VDC/18 mA	SPDT/10A	100	AgNi	250 VAC/DC	12 VAC/DC
2980461	PLC-RSC-24DC/21-21 ATEX	Screw clamp	14 x 80 x 94	24 VDC/18 mA	DPDT/6A	10	AgNi	250 VAC/DC	5V
5606331	PLC-RSC-12DC/21 C1D2	Screw clamp	6.2 x 80 x 94	12 VDC/15.3 mA	SPDT/6A	10	AgSnO	250 VAC/DC	12 VAC/DC
5603154	PLC-RSC-24DC/21 C1D2	Screw clamp	6.2 x 80 x 94	24 VDC/9 mA	SPDT/6A	10	AgSnO	250 VAC/DC	12 VAC/DC
5603260	PLC-OSC-24DC/24DC/2	Screw clamp	6.2 x 80 x 94	24 VDC/9 mA	SSR/2A	NA	NA	33 VDC	3 VDC

*For a complete listing of part numbers please contact an Arrow sales representative.