

Control & Contact Protection Relays



measuring
•
monitoring
•
analyzing

RL



- Power Supply, Latching, and Isolation Relay Versions
- For Use With Dry Contacts or Transistor Switches
- 10 A Max. SPDT Relays
- 24 VDC Excitation at 120 mA Max. for Power Supply Versions
- Compact and Convenient
- For 35mm DIN Rail Mount



Order from: **C A Briggs Compan**
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KOBOLD Instruments, Inc.
1801 Parkway View Drive
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Description

RL-5900 Power Supply & Relay

Protect your flow, level, pressure, or temperature switch investment with a KOBOLD power supply and relay. The RL-5900 can handle the large loads your primary switching device may not be able to handle. Additionally, it can act as a 24 VDC power supply. The ability to handle 10 amps at up to 240 VAC (resistive) gives the RL-5900 exceptional power switching capacity. Since excitation is built in, dry contacts or 24 VDC devices are equally compatible.

RL-5900 Specifications

Input: Dry Contact, NPN or PNP Open Collector, User Selectable (When Configured as PNP, the Output Relay is Energized Under Normal Conditions as Fail-Safe)

Sink Current: 15 mA Max.
Source Current: 15 mA Max.

Excitation: 24V_{DC} (±2%) 120 mA, Regulated/Fuse Protected

Supply Voltage: 110 V_{AC}, 230 V_{AC}, or 24 V_{DC}

Output: SPDT Relay 10 A @ 240 V_{AC}, 8 A @ 24 V_{DC}

Indicators: LED Green - Power ON
LED Red - Relay Energized

Housing: Molded Polyamide
NEMA 1/ IP 20
35mm DIN Rail Mountable

Operating Range
Temperature: 0...130 °F
Humidity: 0...95% RH, Non-Condensing

RL-6000 Latching Relay

The KOBOLD RL-6000 is a latching relay for start/stop applications such as pump or valve level control. Our standard 10 amp 240 VAC max. relay is adequate for most pump control circuits and electrically driven valves. The unit is designed for use with dry contacts. A 4 mA current supply provides the switching signal for the contacts.

RL-6000 Specifications

Input: Dry Contact, NPN or PNP Open Collector, User Selectable

Sink Current: 5 mA Max.
Source Current: 3.5 mA Max.

Excitation: 24V_{DC} (±2%) 80 mA, Regulated/Fuse Protected

(All other data same as RL-5900)

RL-6100 Isolation Relay

Contact protection is the sole function of the RL-6100. Dry switch closure energizes the internal 10 amp relay.

RL-6100 Specifications

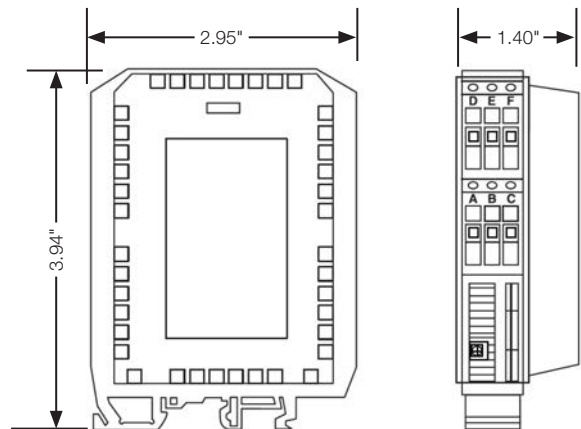
Output: SPDT Relay 10 A @ 240 V_{AC}, 8 A @ 24 V_{DC}

Input: Dry Contacts

Housing: Molded Polyamide
NEMA 1/ IP 20
35mm DIN Rail Mountable

Operating Range
Temperature: 0...130 °F
Humidity: 0...95% RH, Non-Condensing

Dimensions



Order Details (Example: RL-5901)

Supply Voltage	Model Number		
	Power Supply Relay	Latching Relay	Isolation Relay
110 VAC	RL-5901	RL-6001	RL-6101
230 VAC	RL-5902	RL-6002	RL-6102
24 VDC	RL-5903	RL-6003	RL-6103
Accessory			
ACC-DINRAIL3X35	3" x 35mm piece of DIN Rail for mounting		