

Product Enhancement

No.123

Direct from IDEC Corporation

July 1, 2004



- *Unique snap-on marking plates available in various colors*
- *Bifurcated contacts available for dry circuits*
- *Quality design - solder free construction (lead free)*
- *Latching & momentary check button levers*
- *Mechanical flag indicator standard*
- *Non-polarized LED standard*
- *High contact rating: 6A: 4PDT,
10A: DPDT,
3A: 4PDT bifurcated type*
- *Part numbers and list prices on back page*



RU Series Relays Product Enhancements

IDEC Corporation is proud to announce several enhancements to our popular RU series of general purpose relays.

Marking Plates

Based on customer demand for a way of distinguishing various relays in a control panel, IDEC has developed an innovative and simple method of identifying the RU series of relays. Several different colored marking plates are now available that can be used to replace the standard marking plate found on the top of the RU relay.

These marking plates are available in yellow (standard color), green, orange, blue or white. In addition, the marking plates can be further identified by using either a pencil or pen to write directly on them. You can, in effect, create your own customized label that is actually part of the relay. The marking plates are located on the top of the relay rather than on the socket. This makes it extremely easy to see and write on the plate. Use the colored marking plates and/or personalized descriptions to differentiate between relay voltages, function or type. The marking plates are made of a durable and long-lasting PBT resin material and are easily inter-

changeable. IDEC is the first manufacturer to develop such an inventive concept for general purpose relays.

Bifurcated Contacts

In addition, IDEC has developed the RU relay with low signal switching bifurcated contacts. The RU42S model has a maximum contact rating of 3 amps 250V AC while maintaining a minimum switching load of 100 μ A 1V DC, allowing you to use this relay for all your dry circuit switching needs.

Other Features

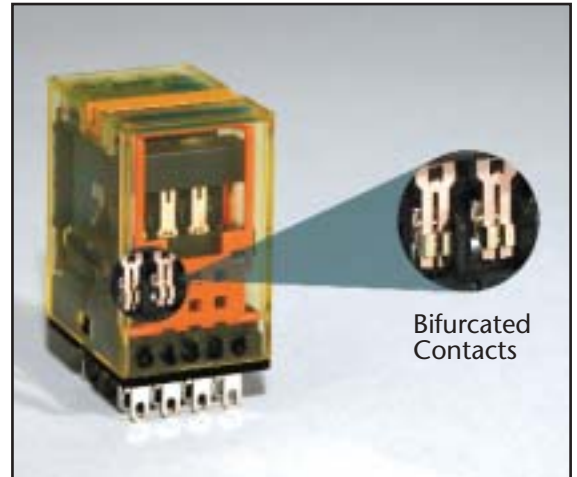
What continues to set the RU apart from other relays is that there is no internal wiring, which translates into no weak solder joints and a completely lead-free manufacturing process. Moreover, the contacts are cadmium free, making the RU relays environmentally friendly.

IDEC takes pride in its advanced manufacturing processes, being a global leader with a 100% full automatic robotic assembly for the RU relays. Nothing compares to IDEC's manufacturing quality (see photo on page 2).

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Industries

IDEC relays are renowned worldwide and are utilized in every type of industry and application. You can find IDEC relays in elevator controls, packaging equipment, control panels, food and beverage equipment, and many others. You will find relays doing daily tasks of interfacing signals to PLCs or carrying the load to other electrical devices such as lights, small solenoids, motors, or other devices within a control circuit. Regardless of its use, you'll be sure to see our relay living up to IDEC's tradition of reliability and quality. Our goal with the introduction of these product enhancements is to allow our valued distributors the ability to become strong relay players and double their business over the next few years.



Robotic manufacturing of RU relays.

All IDEC RU series relays are UL and c-UL recognized, CSA approved, TUV approved, and CE marked in accordance with IEC61810-1. They come with a latching lever that is color coded for AC or DC coils, and are also available without a latching lever (or with momentary check button). In addition to the colored marking plates, they even have color-coded coils for visual distinction.

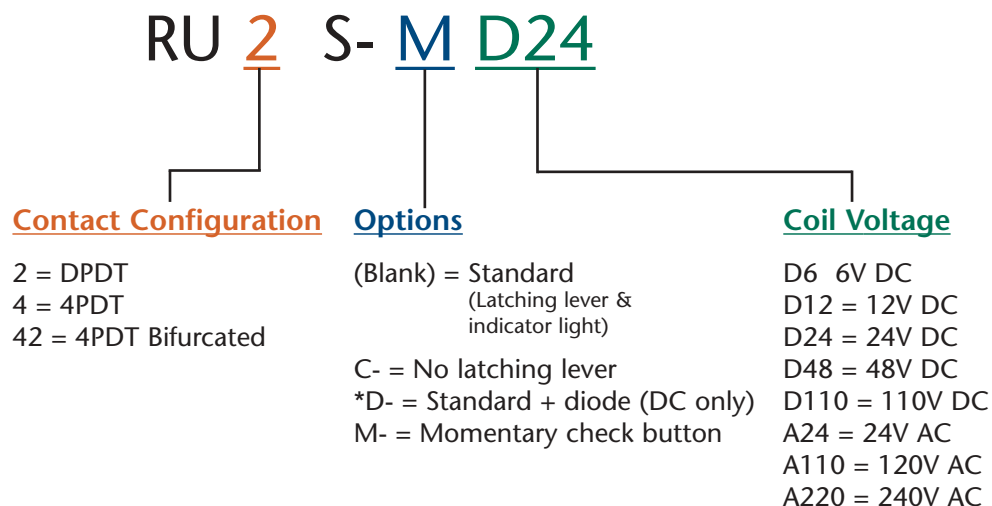
For the right choice, choose IDEC's RU relays! For complete specifications or further information, please contact IDEC Corporation at 1-800-262-IDEC (4332) or visit www.idec.com.

For more information call IDEC at:
1-800-262-IDEC (4332)
1175 Elko Drive • Sunnyvale, CA 94089
Fax: 408-745-5258 • www.idec.com



New marking plates are available in white, yellow (standard), orange, green and blue. See back page for part numbers and list prices.

Part Number Guide



Notes:

-*DC coil only.

-For more information, see page E-3 in the IDEC Industrial Automation Catalog - U907.

-Contact IDEC support for additional configurations.

Cross Reference Information

Allen Bradley	IDEC	P & B (Tyco)	IDEC	Magnecraft	IDEC
700-HC14	RU4S	KHAU-11	RU2S	(Struthers Dunn)	
700-HC24	RU4S	KHAU-17	RU4S	78XBX1	RU2S
700-HC54	RU42S			782XBX2	RU2S
		Square D	IDEC	782XDX1	RU4S
		8501RS(D)14	RU4S	782XDX2	RU4S
Cutler-Hammer	IDEC	8501RS(D)24	RU42S	782XDX3	RU42S
D2PR2	RU2S	8501RS(D)4	RU4S	W78(A)CSX	RU4S
D2PR4	RU4S			W78(A)T	RU42S
		Schrack (Tyco)	IDEC		
CYBERDYN	IDEC	PT2	RU2S		
HJQ-22F	RU4S	PT4	RU4S		
Omron	IDEC				
MY2	RU2S				
MY4	RU4S				

Part Numbers and List Prices

RU Series With Options

Contact Configuration	List Price	Without Lever	List Price	With Momentary Check Button	List Price	With Diode*	List Price
DPDT RU2S	\$7.00 to 9.40	RU2S-C	\$6.60 to 9.10	RU2S-M	\$7.00 to 9.00	RU2S-D	\$7.90 to 8.80
4PDT RU4S	\$8.10 to 11.10	RU4S-C	\$7.70 to 10.70	RU4S-M	\$8.10 to 11.10	RU4S-D	\$9.20 to 10.30
4PDT RU42S	\$12.40 to 12.60	RU42S-C	\$12.00 to 12.20	RU42S-M	\$12.40 to 12.60	RU42S-D	\$14.40 to 14.60

*DC coils only.

Sockets

Relays	Spring Clamp DIN Rail Mount	List Price	Standard DIN Rail Mount	List Price	Finger-Safe DIN Rail Mount	List Price	Panel Mount	List Price	PC Mount	List Price
RU2S	SU2S-11L	\$7.25	SM2S-05	\$5.06	SM2S-05C	\$5.63	SY4S-51	\$1.13	SY4S-61, SY4S-62	\$1.26
RU4S	SU4S-11L	\$9.75	SY4S-05	\$7.96	SY4S-05C	\$9.52	SY4S-51	\$1.13	SY4S-61, SY4S-62	\$1.26

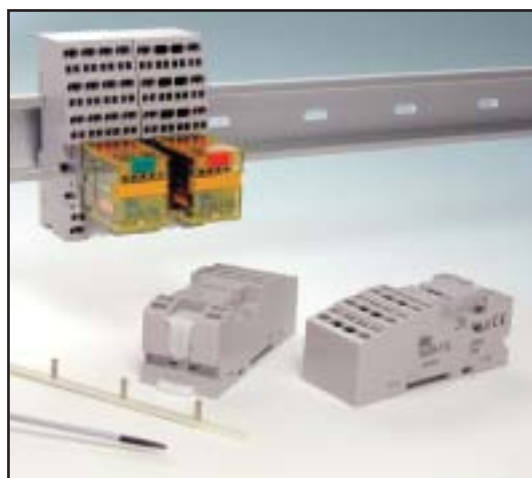
Marking Strips

RU Marking Strips	Color	List Price
RU9Z-PYPN10	Yellow	\$3.00
RU9Z-PGPN10	Green	\$3.00
RU9Z-PAPN10	Amber	\$3.00
RU9Z-PSPN10	Blue	\$3.00
RU9Z-PWPN10	White	\$3.00

Note: 10 strips per package



SU Sockets



SU series spring clamp sockets are available in two-pole or four-pole models and are fully compatible with IDEC RU, RY4, RM2 relays and GT5Y series timers.

The SU2S two pole socket is 10A rated, and the SU4S four pole socket is 6A rated when using a four-pole relay, and 10A rated with a two-pole relay. Each terminal has two wire connection points. SU sockets also use standard hold down spring and clip accessories.

Using the optional jumper, it is possible to connect up to five sockets at the coil terminal. IDEC also offers a screwdriver tool for easy installation when using the spring clamp sockets.

Spring clamp terminals save considerable wiring time, and create a highly reliable connection. SU series sockets are DIN Rail and panel mountable.

For more information call IDEC at:

1-800-262-IDEC (4332)

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