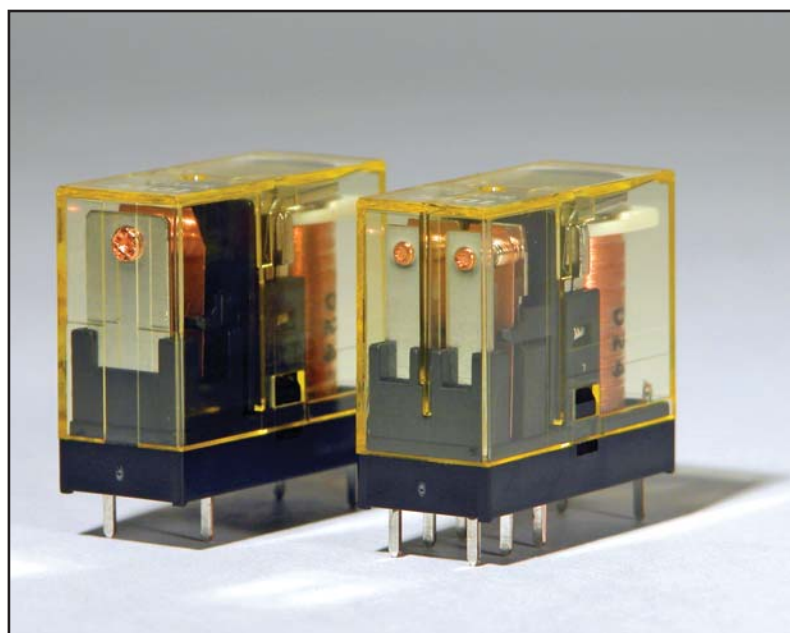




## Highlights

- **NEW!** 8A, 12A and 16A switching currents
- **NEW!** Unique return spring structure
- **NEW!** 3X mechanical life compared with equivalent Omron or Finder relays
- **Better relay at a competitive price!**
- **Contact configurations:** SPDT, SPST-NO, DPDT, DPST-NO
- **Operational life: 200K cycles; Mechanical life: 50M cycles**
- **Correlating sockets available**
- **See back page for competitor comparison and list prices**
- **Datasheet is available on ILC (part #RJ9Y-DS100-1) or for additional information, visit [www.idec.com/relays](http://www.idec.com/relays)**



## Innovative new PCB relays have 3 times the life expectancy of an Omron G2R!

Is Omron or Finder squeezing you out by selling relays direct? Are your customers looking for a durable and compact relay with a large switching capacity? If so, then IDEC has the answer! New IDEC RJ relays are available with plug-in PC board terminals and switching currents up to 16A. Plus, a unique return spring structure (see back page) eliminates unnecessary weak points allowing for increased electrical conductivity and longer service life.

The RJ relay footprint is the most common footprint demanded by customers with over 40 million sold annually (Omron, Finder, Allen-Bradley, etc.). The IDEC RJ series of PCB relays are available in 8A, 12A and 16A switching currents with an operational life of 200K cycles and a mechanical life of 50 million cycles. Both SPDT, SPDT-NO, DPDT and DPST-NO configuration types are available. Like the rest of the RJ family of relays, RJ PCB relays have been manufactured with

attention to even the smallest details. Using our automated manufacturing technologies, an innovative design was utilized in the internal construction of moving parts ensuring the highest-quality, reliable relays.

Correlating sockets include multiple features for ease-of-use. These sockets can be DIN rail, panel mounted, or PCB mounted. The DIN rail/panel mount socket has IEC finger-safe terminals, where the coil and contact terminals are on opposite sides of the socket. The PCB mount socket allows you to replace a relay without even having to de-solder.

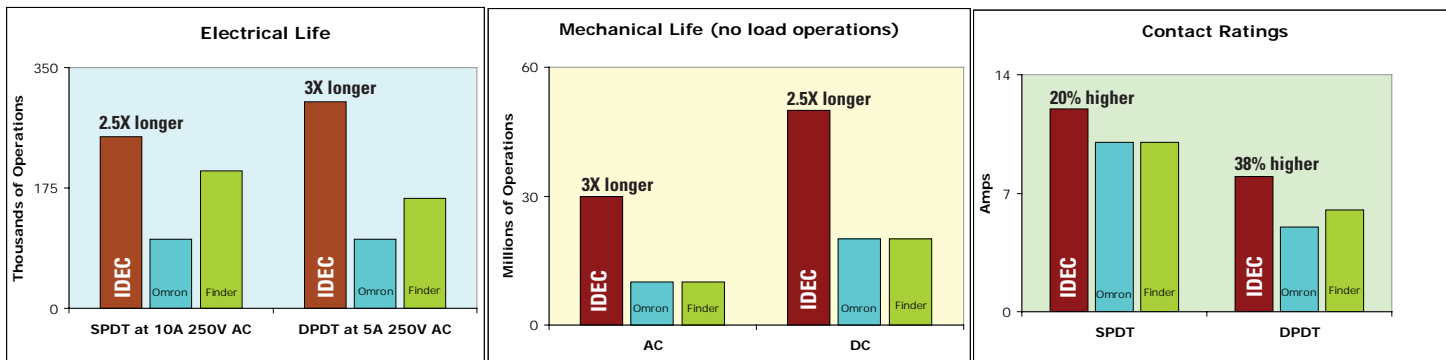
IDEC RJ relays are UL recognized, CSA certified, VDE approved and CE marked in compliance with IEC 61810-1.

For additional information, contact IDEC Corporation at 1-800-262-IDEC (4332) or visit [www.idec.com/usa](http://www.idec.com/usa).



## Return Spring Structure

The most recent IDEC innovation is a return spring structure for the RJ PCB relays that eliminates unnecessary weak points improving durability, and increasing electrical conductivity and service life. Just take a look at how IDEC surpasses the competitors:



IDEC relays not only have better contact ratings, but a drastically better lifespan. What it boils down to is when customers buy from IDEC, they get the highest quality relays for their money!

## RJ PCB Relays Price List and Competitor Comparison

IDEC Part Number	List Price (MSRP)	Omron	Finder	AB	Schrack/Tyco
RJ1V-C-A12	\$5.70	G2R-1-AC12	40.31.8.012.0000	-	-
RJ1V-C-A24	\$5.70	G2R-1-AC24	40.31.8.024.0000	-	-
RJ1V-C-A120	\$6.30	G2R-1-AC120	40.31.8.120.0000	-	-
RJ1V-C-A240	\$8.10	G2R-1-AC240	40.31.8.240.0000	-	-
RJ1V-C-D5	\$3.30	G2R-1-DC5	40.31.9.005.0000 40.31.7.005.0000	-	-
RJ1V-C-D12	\$3.30	G2R-1-DC12	40.31.9.012.0000 40.31.7.012.0000	-	RP418012 RP412012
RJ1V-C-D24	\$3.30	G2R-1-DC24	40.31.9.024.0000 40.31.7.024.0000	-	RP418024 RP412024
RJ1V-C-D48	\$3.90	G2R-1-DC48	40.31.9.048.0000 40.31.7.048.0000	-	-
RJ1V-C-D100	\$6.30	G2R-1-DC110	40.31.9.110.0000	-	-
RJ1V-A-A24	\$5.70	G2R-1A-AC24	40.31.8.024.0300	-	-
RJ1V-A-A120	\$6.30	G2R-1A-AC120	40.31.8.120.0300	-	-
RJ1V-A-A240	\$8.10	G2R-1A-AC240	40.31.8.240.0300	-	-
RJ1V-A-D5	\$3.30	G2R-1A-DC5	40.31.9.005.0300 40.31.7.005.0300	-	-
RJ1V-A-D12	\$3.30	G2R-1A-DC12	40.31.9.012.0300 40.31.7.012.0300	-	RP438012
RJ1V-A-D24	\$3.30	G2R-1A-DC24	40.31.9.024.0300 40.31.7.024.0300	-	RP438024
RJ1V-A-D100	\$6.30	G2R-1A-DC110	40.31.9.110.0300	-	-
RJ1V-CH-A24	\$6.60	G2R-1-E-AC24	40.61.8.024.4000	-	-
RJ1V-CH-A120	\$6.90	G2R-1-E-AC120	40.61.8.120.4000	-	-
RJ1V-CH-A240	\$9.10	G2R-1-E-AC240	40.61.8.240.4000	-	-
RJ1V-CH-D5	\$3.90	G2R-1-E-DC5	40.61.9.005.4000 40.61.7.005.4000	-	RP310005
RJ1V-CH-D12	\$3.90	G2R-1-E-DC12	40.61.9.012.4000 40.61.7.012.4000	-	RP310012
RJ1V-CH-D24	\$3.90	G2R-1-E-DC24	40.61.9.024.4000 40.61.7.024.4000	-	RP310024
RJ1V-CH-D48	\$4.40	G2R-1-E-DC48	40.61.9.048.4000	-	RP310048
RJ1V-CH-D100	\$7.10	G2R-1-E-DC110	40.61.9.110.4000	-	-
RJ1V-AH-A24	\$6.60	G2R-1A-E-AC24	40.61.8.024.4300	-	-
RJ1V-AH-A120	\$6.90	G2R-1A-E-AC120	40.61.8.120.4300	-	-

IDEC Part Number	List Price (MSRP)	Omron	Finder	AB	Schrack/Tyco
RJ1V-AH-A240	\$9.10	G2R-1A-E-AC240	40.61.8.240.4300	-	-
RJ1V-AH-D5	\$3.90	G2R-1A-E-DC5	40.61.9.005.4300	-	RP330005
RJ1V-AH-D12	\$3.90	G2R-1A-E-DC12	40.61.9.012.4300	-	RP330012
RJ1V-AH-D24	\$3.90	G2R-1A-E-DC24	40.61.9.024.4300	-	RP330024
RJ1V-AH-D100	\$7.10	G2R-1A-E-DC110	40.61.9.110.4300	-	-
RJ2V-C-A24	\$6.50	G2R-2-AC24	40.52.8.024.0000	700-HP32A24	-
RJ2V-C-A120	\$7.30	G2R-2-AC120	40.52.8.120.0000	700-HP32A1	-
RJ2V-C-A240	\$9.10	G2R-2-AC240	40.52.8.240.0000	700-HP32A2	-
RJ2V-C-D5	\$3.90	G2R-2-DC5	40.52.9.005.0000 40.52.7.005.0000	-	RP420005
RJ2V-C-D12	\$3.90	G2R-2-DC12	40.52.9.012.0000 40.52.7.012.0000 44.52.9.012.0000 44.52.7.012.0000	700-HP32Z12	RP420012 RP421012
RJ2V-C-D24	\$3.90	G2R-2-DC24	40.52.9.024.0000 40.52.7.024.0000 44.52.9.024.0000 44.52.7.024.0000	700-HP32Z24	RP420024 RP421024
RJ2V-C-D48	\$4.40	G2R-2-DC4	40.52.9.048.0000 44.52.9.048.0000 44.52.7.048.0000	700-HP32Z48	RP420048 RP421048
RJ2V-C-D100	\$7.10	G2R-2-DC110	40.52.9.110.0000 44.52.9.110.0000 44.52.7.110.0000	700-HP32Z1	RP420110 RP421110
RJ2V-A-A24	\$6.50	G2R-2A-AC24	40.52.8.024.0300	-	RP440024
RJ2V-A-A120	\$7.30	G2R-2A-AC120	40.52.8.120.0300	-	-
RJ2V-A-A240	\$9.10	G2R-2A-AC1240	40.52.8.240.0300	-	-
RJ2V-A-D5	\$3.90	G2R-2A-DC5	40.52.9.005.0300 40.52.7.005.0300	-	-
RJ2V-A-D12	\$3.90	G2R-2A-DC12	40.52.9.012.0300 40.52.7.012.0300	-	-
RJ2V-A-D24	\$3.90	G2R-2A-DC24	40.52.9.024.0300 40.52.7.024.0300	-	-
RJ2V-A-D100	\$7.10	G2R-2A-DC110	40.52.9.110.0300	-	-

Note: Highlighted rows indicate items are normally stocked.

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