

# IDEC Relay Family

Simply Reliable

Smart Products. Simple Solutions.



## Reliability, Longevity, Availability



*IDEC Relays are manufactured with precision and accuracy to ensure dependable performance you can always rely on.*

It's never good when your assembly line stops, and millions of dollars are jeopardized in lost production time. But when a traffic light fails and causes you to be involved in a 3-car pile-up, or when your kids go to the local amusement park and get stuck upside-down on a rollercoaster for three hours, the importance of dependable parts becomes glaringly obvious. Relays may be small but when they fail, it can be a large problem costing you time, money and your sense of security.

At IDEC, we pride ourselves on selling you a reliable, quality product that is both cost-effective and available to you when you really need it. Imagine relays that provide value by improving your machine design and increasing your efficiency, without breaking the bank.

Designed with attention to every detail, IDEC Relays go the extra mile in performance and dependability. RU relays are constructed with no internal wiring in a 100% automated, robotic-assembly process, which for you means no weak solder points. Our RH relays are built-to-last and 3rd party tested at 500,000 operating cycles, even though UL approval only requires an electrical lifespan of 6,000 cycles. And the newest addition to our relay family is no exception. RJ relays have an optional green, non-polarized LED that uses a unique light guide to give you a brighter and more noticeable status indicator, viewable from multiple directions.

When you want peace of mind, IDEC relays are the only choice!

# Setting the Industry Standard

## The IDEC Relay Family: 60 years of design excellence



IDEC was founded in 1945 and over the years has introduced many new innovations to its family of relays. Thanks to technological advances, creative engineering and excellent customer support, our relays have continued to set a new standard as we strive to meet the

needs of our customers. Global approvals and acceptance only prove how IDEC has made every effort to make its relays the best. Our vision to surpass our competitors in consistency, reliability and quality in the global market has become a reality.

*“Every time a machine goes down, we lose money just restarting the process. So for reliable relays and components, we use IDEC.”*

*—Manager, food processing plant*



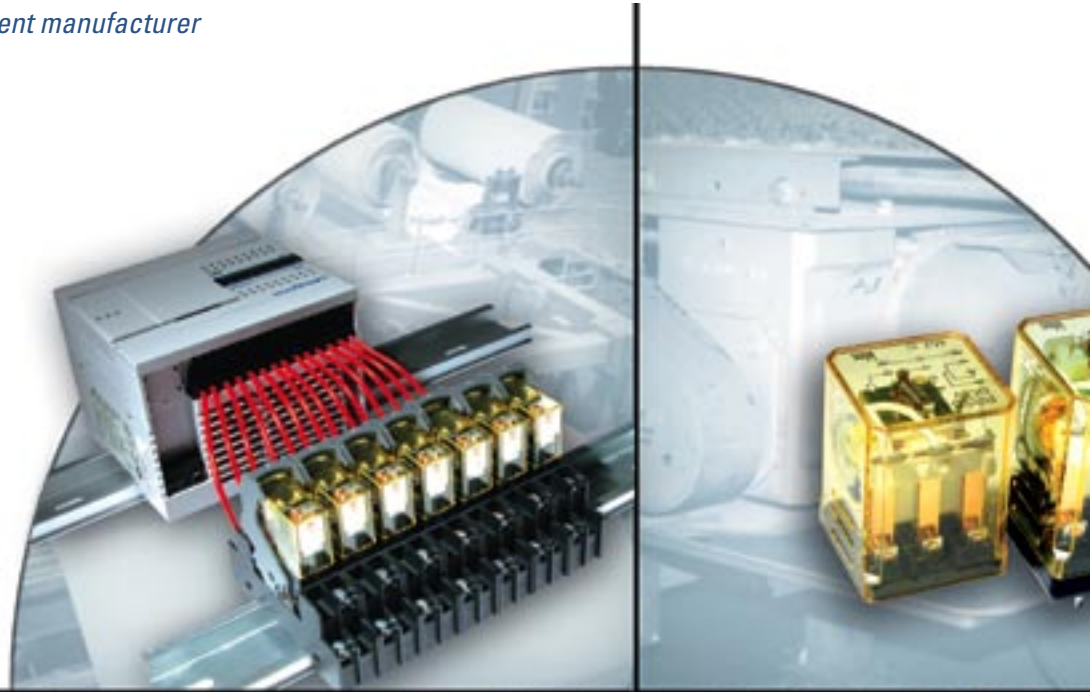
## Solutions for every situation

*“ We’ve tried other brands and they weren’t as reliable. What seemed like saving money, ended up costing more in service and inventory costs.”*

*—Purchasing manager, HVAC equipment manufacturer*

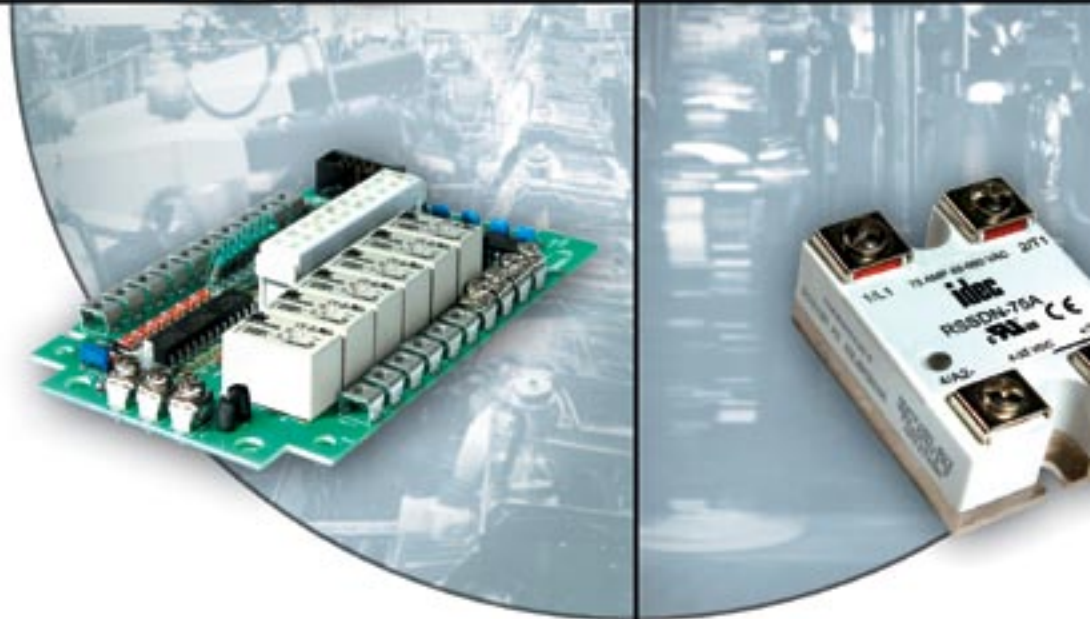
### Interface Relays

Intermediary relays used to network between an automation device, such as a Programmable Logic Controller (PLC) or host computer (PC), and a control device.



### PCB Relays

High-performance relays designed for applications using a printed circuit board.



# The Right Relay for Your Needs

## Power Relays

Efficient relays that are capable of handling conditions with voltage and amperage where contact loads are equal to, or greater than, 10A.



## Solid State Relays

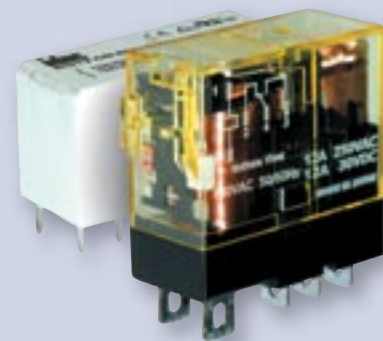
Long-lasting dual relays resistant to high voltage and current mainly for use in situations where voltage leakage is not an issue or where fast switching-speed is required.



Whatever your circumstance dictates, IDEC has the relay solution to match. Just answer a few simple questions and you're on your way:

- *What are your switching requirements?*
- *What is your power source?*
- *What is the contact arrangement?*
- *How many poles are required?*
- *What is the mounting type?*

By answering these questions, you can ensure you get the relay that provides the best long-term solution for your needs. Refer to the attached Relay Quick Selection Guide or visit [www.idec.com](http://www.idec.com) for a detailed list of available options and make your choice today!



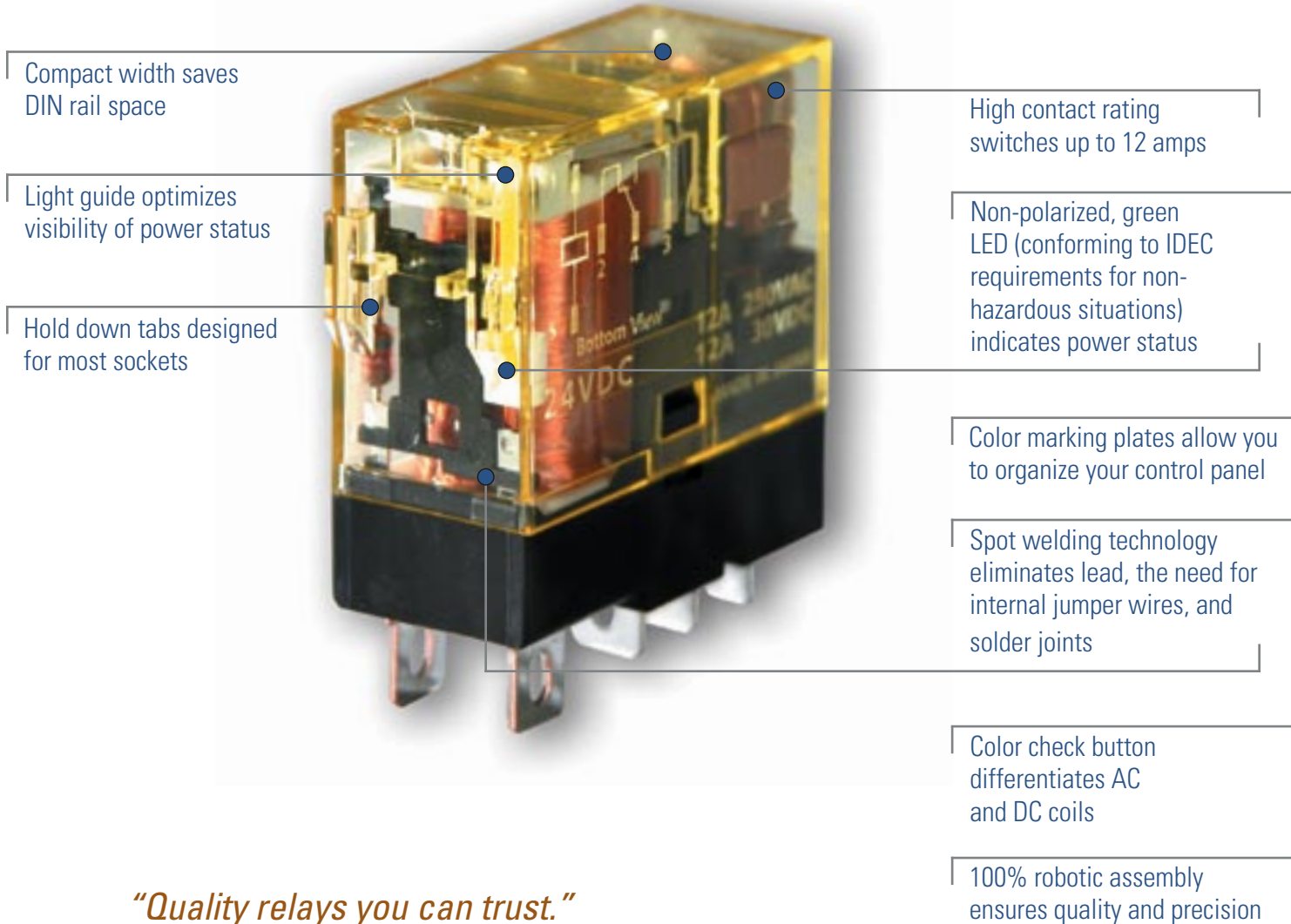
Choose from blade, PCB or pin terminal types depending on which style fits your control panel.

## Innovation in detail

It's paying attention to the little things that make a difference and at IDEC that means going further to make sure our customers are satisfied. With that in mind, we continually strive to

create products with features that will enhance your productivity and ensure your success. Here are just a few of the details included in our relays with you in mind:

### RJ

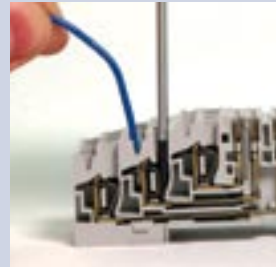
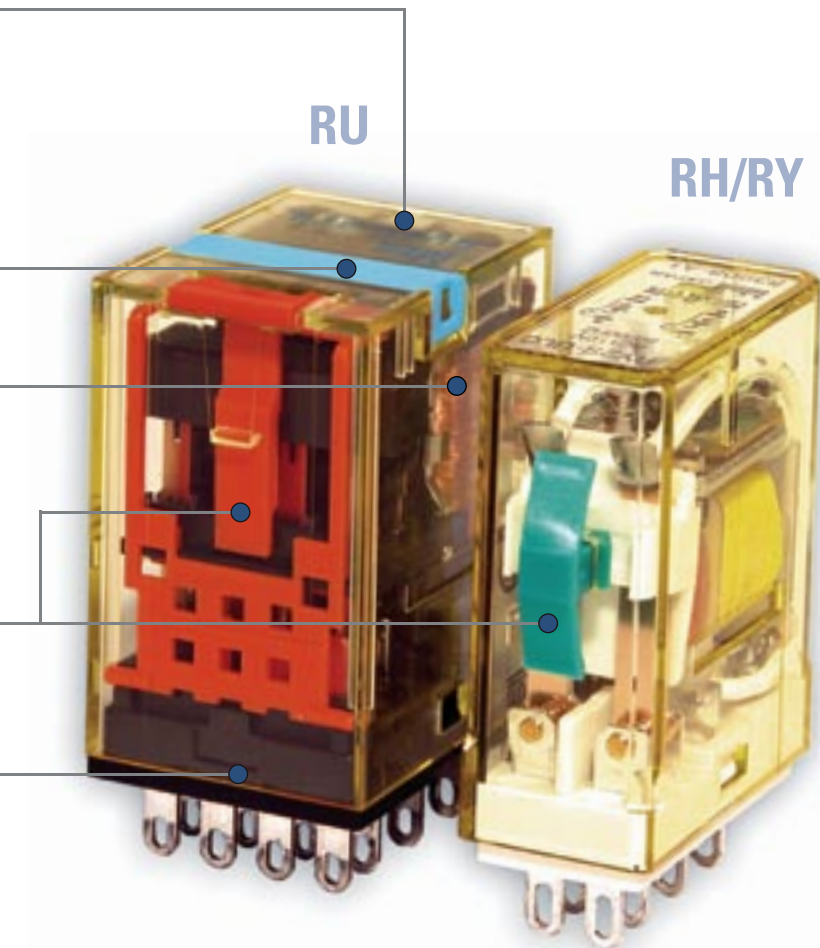


*“Quality relays you can trust.”*

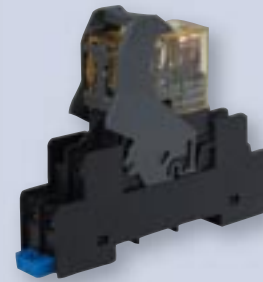
—Design Engineer, Machine Tool Manufacture

*“A service call to repair an Elevator for a failed relay can be costly. We’ve used IDEC Relays for a decade or more because using another brand is too risky to our bottom line.”*

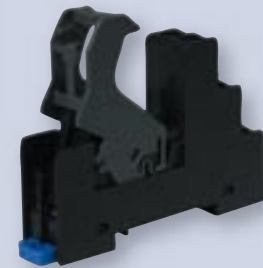
*—Service manager, Elevator manufacturer*



Unique features like spring cage clamps on the SU socket can save installation time.



Sockets are an integral piece of the relay puzzle not to be forgotten. Despite their diminutive size, they can have a big impact on your business. That’s one reason IDEC strives to make even our smallest components better. Just take a look at some of the features you can find on our sockets:



- IEC-terminal, finger-safe screw
- Marking plates
- Plug-in LED modules
- Unique relay release mechanism
- Built-in secure lever
- Spring cage clamp
- Coil jumpers
- Compact width
- DIN rail or panel mount



Visit our `Configure Your Part` webpage at: [www.ecatalog.idec.com/relay](http://www.ecatalog.idec.com/relay)  
 By filling out this quick form, you will be guided through options that will help you decide which relay is the best for your needs.



## Support Information

IDEC Relay Family  
[www.idec.com/relay](http://www.idec.com/relay)

Technical Support  
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