Industrial Relays & Components

Priority business measures

Offering a full line-up of products to help customers overcome issues

Industrial relays and components is a generic term describe a range of electrical devices embedded in control panels and control components used to operate and control machinery and production lines. They include industrial relays, terminal blocks, switching power supplies, and the LED illumination units installed inside machine tools and other equipment. In addition being used at manufacturing sites, these products are employed in a wide variety of applications including automated warehouses and semiconductor fabrication equipment.

Responding to ever-growing needs for “smarter” facilities and equipment, space-saving, and quality stabilization, IDEC adds new technologies to control panel components to provide operator-friendly production environments offering greater efficiency and convenience. This is another way that we help customers find solutions to various issues.

Example of LED illumination units in use

Control panel

Broadening line-up of PCB-mounted components and push-in products that are smaller and require less wiring and labor

As solutions to miniaturization and reduced person-hours, two of the issues surrounding control panels and control components, we have expanded our line-up of devices equipped with printed circuit boards (PCBs) and push-in products. To date we have developed, produced and sold PCB-mounted components such as industrial relays, terminal blocks and circuit protectors. However, as we expect a further expansion of demand in the future, we are focusing on bringing new products to market.

We are also working to expand our line-up of push-in products. These products enable easy wiring by simply pushing in the terminal, resulting in reduced man-hours spend on wiring compared with their screw-type counterparts, along with stable quality. In addition to component sales, we have also enhanced our line-up of accessories for automatic tools and provide installation assistance as part of comprehensive support for all aspects of manufacturing.

Interface relay helping reduce the size of control panels and control components

Due to advances in the miniaturization of control panels, sales of ultrathin interface relays that support high-density installation are on the rise, particularly in the USA.

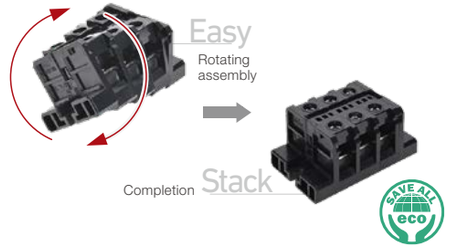
Compared with regular relays, slim relays take up less space inside control panels and streamline wiring work and maintenance tasks.

As we project that demand for interface relays will continue to rise in the future, we will work to expand sales.

Interface relay “RV8H series”

New fixed terminal block using mechanical engineering capabilities

We have released a new and revolutionary terminal block that can be easily assembled by customers without the need for tools. IDEC’s proprietary construction, which allows for “easy” “stack” assembly by simply rotating the terminal blocks, flexibly accommodates sudden specification changes and maintenance tasks, reducing labor. As a shaft screw to connect terminal blocks is no longer needed, the number of components is reduced, aiding in environmental protection.



Terminal block “BTBH easy-stack™”

Manager’s Message

Industrial components’ growth strategy and promotion of digital marketing

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IDEC USA focuses on industrial relays and sockets, switching power supplies, and LED illumination units, as well as all industrial components. Our USA Sales and Marketing Teams train our distributors to be well-versed in product knowledge, applications, and the latest technology. This focused training increases sales potential by three to four times.

In Product Marketing, we use digital marketing programs with leading industrial publishers like Control Design, Machine Design and Automation World to showcase IDEC to a wider audience. We also use monthly promotions on IDEC USA LinkedIn and other social media platforms.