



For Immediate Release

IDEC's New RC Series PCB Relays Provide Industrial-Grade Power Handling in a Low-Profile Form Factor

PCB relays are a superior alternative to plug-in relays in many industrial applications, especially those with space constraints.

IDEC Corporation, Sunnyvale, CA, July 27, 2023 — IDEC Corporation announces the release of their new RC Series printed circuit board (PCB) relays, with features supporting a wide range of industrial-grade applications. These relays come in several low-profile configurations, provide high-capacity power switching, and perform reliably even in challenging environments. The RC Series replaces and upgrades the proven RJxV Series PCB mount relays.

RC Series relays are designed to mount directly to a PCB using through-holes, and can be wave-, dip-, robotically-, or hand-soldered. Their configuration provides a low-profile height of 16.5mm or less, with high voltage and current ratings in relation to their size and weight. Plug-in relays are often used for these and other types of industrial applications instead of PCB relays, but they require a mounting socket and a much larger space footprint.

Coil voltages are available in a range of 5/12/24/48/110VDC, and contacts are rated at 24VDC and 250VAC. DPDT versions carry 8A contact ratings, while SPDT versions are available as 12A (standard) or 16A (high capacity). The relays are designed to operate from -40 to +85DegC, with a lifetime of 20 million operations (at 18,000 times per hour) unloaded, or at least 100,000 times at rated load. With an impulse withstand voltage of 10,000V, these relays work well in electromagnetically problematic environments. Users in any global area will appreciate the flexibility offered by certification of the RC series with cUL, VDE, CQC, and CE agencies.

The RC Series provides industrial-grade service in the most efficient form factor possible, making them suitable for use in appliance electronics, audio-visual components, medical equipment, OEM machine automation, and many other commercial and industrial applications.

IDEC offers a wide variety of other complementary electrical components, such as buttons/lights, power supplies, RFID readers, PLCs, and much more. The company's wide range of quality products empowers users to select components best meeting their requirements for standards, features, and pricing. As with all its products, IDEC provides free technical support for its RC Series PCB relays. For complete specifications, additional information, or technical support, please contact IDEC Corporation at 800-262-IDEC (4332), or visit us online at https://us.idec.com/idec-us/en/USD/Relays-%26-Timers/Relays/RC-Series-PCB-Relays/c/RC_Series.

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About IDEC: *IDEC Corporation is a global supplier that has provided innovative and reliable industrial automation and control products since 1945. Covering a broad range of market needs, these feature-rich and value-driven products include PLCs, human machine interfaces (HMIs), safety products and other industrial automation components. By delivering world-class products backed by personalized service and highly-rated technical support, IDEC enables design engineers to create lean, cost-effective and safe*

solutions to optimize their automation applications. With the recent acquisition of APEM, one of the world's leading manufacturers of operator interface panels and related components, IDEC continues to enhance our customers' ability to create high-quality solutions. For additional information, visit www.IDEC.com/usa

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