



FOR IMMEDIATE RELEASE

Russelectric, A Siemens Business, Highlights Advanced Automatic Transfer Switches with Bypass/Isolation for Critical Infrastructure

Built for durability, long life, minimal maintenance, and reliable performance

Hingham, MA – [Russelectric](#), A Siemens Business, a leading manufacturer of power control systems and automatic transfer switches, highlights its range of Russelectric® automatic transfer switches with bypass/isolation capability for data centers, which allows the transfer switch portion to be isolated and de-energized for maintenance, testing, or repair. The Russelectric RTS-30 Series and Russelectric RTS-03 Series Bypass/Isolation transfer switches provide all the functions of a Russelectric automatic transfer switch plus the ability to bypass power from a live source to the load in the event the automatic function of the transfer switch is disabled.

Russelectric offers the most complete line of 480 VAC 30-cycle and 3-cycle UL tested switches available today. They have been fully tested, listed, and labeled for 30-cycle or 3-cycle closing and withstand under UL-1008. Full draw-out construction allows safe and easy removal of the transfer switch, eliminating the need to make any electrical or mechanical disconnections. Russelectric is the only manufacturer that offers both fail-safe and maintenance bypass switch designs.

They are rugged, built for long life, minimum maintenance, and trouble-free service. RTS-30 Series switches feature contact assemblies designed to handle the rigors of 30-cycle closing and withstand performance and offer exceptional arc- and track-resistance. The main contact pad material is designed to prevent overheating, and stationary contact pad material prevents welding during high fault current conditions.

Also offered are Russelectric RTS-03 Series transfer switches with manual bypass/isolation, which have some of the highest 3-cycle closing and withstand ratings for 480 VAC or less, of any switches available today. All Russelectric RTS-03 Series automatic transfer switches have been fully tested for 3-cycle closing and withstand ratings under UL-1008. When coordinated with current limiting fuses, Russelectric RTS-03 Series transfer switches have UL listed closing and withstand ratings of 200,000 amperes, at 480 VAC.

Russelectric RTS-03 and RTS-30 Series transfer switch contacts are machined from solid copper and feature tungsten arcing tips. All mechanical assemblies, linkages, and connecting rods are purpose-built and precision-machined. Mechanical linkages are sturdy anodized solid steel rods with aircraft-style ball joint fittings.

For more information, visit: <https://usa.siemens.com/bypassswitches>

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About Russelectric

Founded in 1955, Russelectric[®], A Siemens Business, provides high-integrity power control solutions for mission critical applications in the healthcare, information technology, telecommunication, water treatment, and renewable energy markets. The company maintains vertically-integrated manufacturing facilities in Massachusetts and Oklahoma, where it designs and builds a full line of automatic transfer switches, switchgear, and controls. Russelectric products carry the longest and most comprehensive warranty in the industry, and are backed by a team of expert factory-direct field service engineers. To learn more about Russelectric products and the company's commitment to customer satisfaction, visit www.russelectric.com, call (781) 749-6000, or email info@russelectric.com.