

News Release

P.O. Box 4100
Harrisburg, PA 17111-0100
Phone: (717) 944-1300, ext. 3721
Fax: (717) 944-1625
E-Mail: mmcgowan@phoenixcontact.com

Molly McGowan, APR
Media Services Specialist

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Data-driven circuit breakers CAPAROC system features customizable overcurrent protection

Middletown, Pa. – CAPAROC, the new electronic circuit breaker system from Phoenix Contact, uses data-driven power modules to customize overcurrent protection. With numerous feed-in power modules, circuit breakers, potential distribution modules, and current rails, CAPAROC makes it easy to design an intelligent system with communication.

The power feed-in module, available in status reset or PROFINET versions, is the “brain” of the system. The status reset uses standard digital input/output to communicate the status of the breakers and to reset tripped channels. The PROFINET power module allows complete control and monitoring of the breakers.

The CAPAROC modules, designed for 12 to 24 V DC applications, include features such as cascaded channel start-up, intelligent tripping, active current limitation, and intelligent load shedding. The system includes remote diagnostics and remote reset, increasing safety and reducing downtime. The tricolored LEDs indicate each channel’s operating state. The circuit breaker modules are available in 1-, 2-, and 4-channel options. All parts of the system are UL 508 Listed. Select part numbers are approved specifically for NEC Class 2, Class I, Division 2, or triple-rated hazardous locations.

The online CAPAROC configurator makes it easy to design an overcurrent protection system specific to the application. Each configuration project contains a 3D model, detailed bill of materials, data sheet, and a unique solution ID, making it possible to reenter the project to make changes or additions. Learn more at www.phoenixcontact.com/us-CAPAROC.

About Phoenix Contact

Phoenix Contact is a global market leader based in Germany. Phoenix Contact produces future-oriented components, systems, and solutions for electrical controls, networking, and automation. With a worldwide network reaching across more than 100 countries with over 17,100 employees, Phoenix Contact maintains close relationships with its customers, which are essential for shared success. The company’s wide variety of products makes it easy for engineers to implement the latest technology in various applications and industries. Phoenix Contact focuses on the fields of energy, infrastructure, process, and factory automation.

For more information about Phoenix Contact or its products, visit www.phoenixcontact.com, call technical service at 800-322-3225, or email info@phoenixcontact.com.

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