News Release

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Direct wiring for all conductor types
XTV terminal blocks are the first to feature Push-X connection technology

Middletown, Pa. – The new XTV terminal blocks can accommodate the direct insertion of all conductor types: ferruled, solid, or stranded wires. The XTV series is the first product family to feature Push-X connection technology from Phoenix Contact.

Push-X operates similarly to Phoenix Contact’s popular Push-in Technology (PT) but uses a preloaded mousetrap design that keeps the leg spring depressed. As a result, the technician only needs to apply enough force to unlatch the spring and directly insert any type of wire. In traditional PT, the technician completely depresses the spring, so it cannot accept stranded wires.

Tapping the inserted conductor triggers the preloaded contact spring and automatically establishes safe contact. This reduces installation times and enables faster wiring without tools or force. To release the conductor, the technician presses the orange push button, the same method used in Push-in Technology. The push button always displays the chamber position clearly, regardless of the conductor diameter and orientation of the terminal block.

The initial XTV product range includes three cross-sections: 6, 10, and 16 mm². Push-X technology has been tested beyond the standard requirements, making it suitable for industries that place high requirements on vibrations, gas tightness, and robustness. The XTV family is fully compatible with the CLIPLINE complete terminal block system, making it easy to combine with other Phoenix Contact terminal blocks and accessories.

Learn more about XTV terminal blocks at www.phoenixcontact.com/us-push-x.

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 20,300 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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