

News Release

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Thermal-magnetic protection in an 8-mm package Narrow circuit breakers for more space in the control cabinet

Middletown, PA – Phoenix Contact introduces the PTCB TM, the smallest pluggable thermal-magnetic circuit breakers on the market. Measuring just 8 millimeters wide, the individual circuit breakers feature both protection and signaling in a single module. The narrow design saves up to 65% space compared with other thermal-magnetic circuit breakers.

The thermal-magnetic circuit breakers have been specially developed for industrial applications with high inrush currents. The circuit breakers are available in finely graduated nominal currents from 0.5 A to 16 A and cover a wide range of applications with the characteristic trip curves F2 and M1. These applications range from sensitive electronic components to power-intensive loads such as motors and transformers.

The PTCB TM features alignable current monitoring with an adjustable signaling threshold, providing local and remote visualization of the load status. Digital outputs make it easy to integrate with a PLC to view the status remotely. A tilting lever clearly shows the switching status, even when the power is off. This reduces required training and minimizes operating errors.

The entire PTCB TM series can be bridged to Phoenix Contact's CLIPLINE complete terminal block range for intuitive integration into existing applications. Learn more at www.phoenixcontact.com/us-ptcb-tm.

About Phoenix Contact

Since 1923, Phoenix Contact has created products to connect, distribute, and control power and data flows. Our products are found in nearly all industrial markets. Sustainability and responsibility guide every action we take, and we are proud to collaborate with our customers to empower a smarter and better world for future generations. Together, we are creating a sustainable world based on our passion for technology and innovation.

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

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