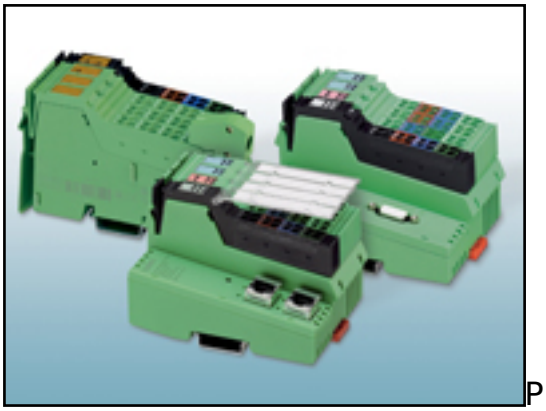
Bus Couplers and Expansion Module Added to I/O Product Line



Phoenix Contact announced three additions to its Inline Modular family of products: two bus couplers and a backplane expansion module. The Modbus TCP/UDP bus coupler offers the same functionality as the company's Inline Modular Ethernet Bus Coupler in a compact form. The new product incorporates eight digital inputs, four digital outputs and a built-in Ethernet switch. At 80 mm wide, it provides a 45 percent space savings compared to the Ethernet bus coupler with equivalent I/O, according to the company. The Modbus TCP/UDP coupler uses BootP to assign IP addresses. With the addition of the Modbus RTU/ASCII bus coupler, the Inline system now supports Modbus RTU/ASCII. Measuring a narrow 80 mm wide, the bus coupler includes eight digital inputs and four digital outputs. It also incorporates an RS-485 D-SUB connection for Modbus communications. Both new bus couplers feature clearly arranged diagnosis LEDs to ensure quick startup and easy maintenance. Multiple UL approvals allow for a variety of application uses.The backplane expansion module expands the local bus onto a second rail within the control cabinet. It has a maximum capacity of 63 devices for multiple expansions on a single bus station. An incorporated power terminal provides all 24V DC voltages required for the low-level signal of an Inline station.

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