

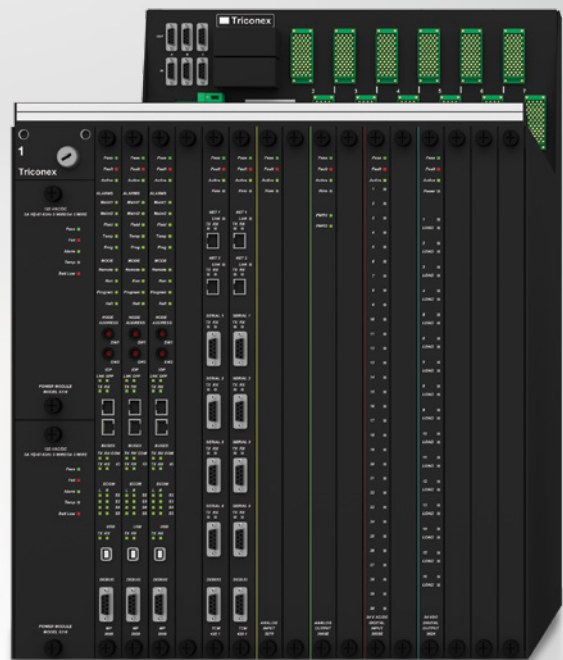
The Perfect Match

Pepperl+Fuchs' H-System for Triconex® by Schneider Electric

Pepperl+Fuchs' Intrinsic Safety Termination Board Solutions for Tricon & Tricon CX



Triconex
by Schneider Electric



Your automation, our passion.

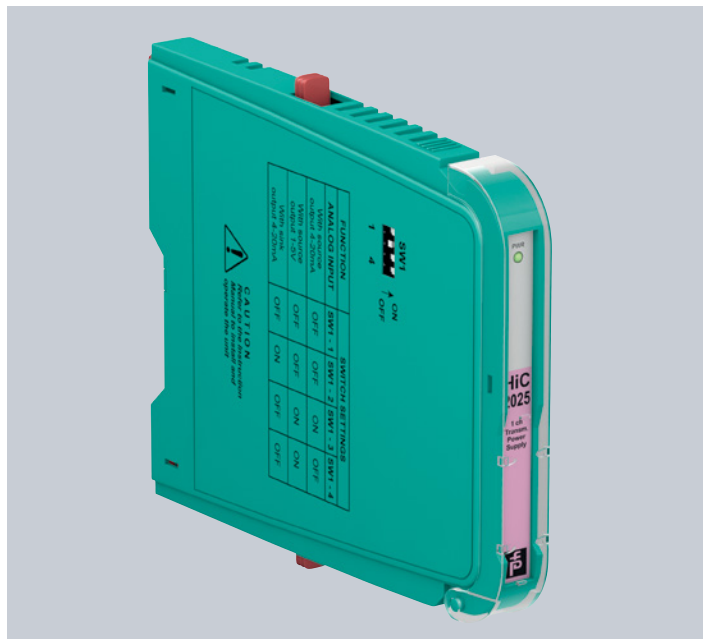
pf PEPPERL+FUCHS

Partnering for the Ultimate in Safety and Success

Schneider Electric's ongoing partnership with Pepperl+Fuchs has provided yet another standard in industry safety. Pepperl+Fuchs' H-System is preferred by Triconex as a fully tested and approved solution. The space-saving H-System barriers and termination boards provide the densest solution in the market when space for intrinsic safety barriers is a critical issue.



Termination boards are available with intrinsically safe wiring terminals and a Triconex-specific ELCO plug connector to standardize the cabinet layout and maximize spacing.



HiC modules snap onto termination boards using a plug & lock installation, requiring no tools or wiring. The narrow interface provides the highest possible signal density while low power dissipation keeps the cabinet cool.

H-System Intrinsic Safety Modules for Triconex

- Just 12.5 mm wide, providing maximum cabinet space savings
- Single-channel HiC modules for single-loop integrity
- Dual- and four-channel HiD versions for greater density and savings
- Tailor-made termination board with H-System intrinsic safety modules for Triconex Tricon I/O and Tricon CX I/O compact safety system
- The prewired termination board, with specific connectors and cables, keeps planning and wiring to a minimum

Pepperl+Fuchs and CAPP

As partners, Schneider Electric and Pepperl+Fuchs provide customers with complete automation solutions for hazardous area applications. In this collaboration, the Pepperl+Fuchs group is able to act as the main vendor for interfaces such as intrinsic safety isolators or signal conditioners, HART Multiplexer solutions, FOUNDATION fieldbus, PROFIBUS, purge, and HMI solutions for Schneider Electric's Plant Structure process automation architecture. Pepperl+Fuchs offers a seamless and complete portfolio to serve all areas of the industry business including factory automation and process automation installations.

Plug and play—for every process control system

Pepperl+Fuchs' H-System isolated intrinsic safety barriers plug into tailor-made termination boards. The boards contain the appropriate plug-in connector ELCO or Sub D for the new Tricon CX.

H-System is the most thoroughly tested and documented intrinsic safety solution for a DCS or ESD system. This extensive testing ensures the ultimate in safety, reliability, and confidence in your hazardous location ESD.

Also available for Foxboro Evo DCS, the H-System is globally certified and supported and is the only universal solution for both safety and control.



Redefining termination board technology

Triconex		Pepperl+Fuchs				
Tricon		Module		Termination Board		
Card	Channel	Type	Channel	Type	Modules	Channel
Digital Input						
3503E	16 + 16	HiC2821	1	HiCTB16-TRI-DIISS-EL-PL	16	16
		HiD2842 / HiD2822	2	HiDTB16-TRI-DIISD-EL-PL	16	32
3564	32 + 32	HiC2821	1	HiCTB32-TRI-DIISS-EL-PL	32	32
		HiC2822	2	HiCTB16-TRI-DIISD-EL-PL	16	32
		HiD2844	4	HiDTB08-TRI-DIISQ-EL-SC	8	32
		HiD2844	4	HiDTB16-TRI-DIISQ-EL-SC	16	64
Digital Output						
3604E, 3624	16	HiD2872 / HiD2876	2	HiDTB08-TRI-DOISD-EL-PL-Y1	8	16
		HiC2873 / HiC2877	1	HiCTB16-TRI-DOISS-EL-PL-Y1	16	16
3625, 3664	16 + 16	HiD2872 / HiD2876	2	HiDTB16-TRI-DOISD-EL-PL-Y2	16	32
		HiC2873 / HiC2877	1	HiCTB32-TRI-DOISS-EL-PL-Y1	32	32
Analog Input						
3700A, 3721	16 + 16	HiD2026 / HiD2030	2	HiDTB08-TRI-AIISD-EL-PL	8	16
		HiC2025	1	HiCTB16-TRI-AIISS-EL-PL	16	16
		HiD2029 / HiD2081 (TI)	1	HiDTB16-TRI-AIISS-EL-PL	16	16
		HiD2026 / HiD2030	2	HiDTB16-TRI-AIISD-EL-PL	16	32
		HiD2082 (TI)	2	HiDTB08-TRI-AIISD-EL-SC	8	16
Analog Output						
3805E	8	HiD2031	1	HiDTB08-TRI-AOISD-EL-PL	8	8
		HiC2031	1	HiCTB08-TRI-AOISS-EL-PL	8	8

Your automation, our passion.

Explosion Protection

- Intrinsically Safe Barriers
- Signal Conditioners
- Fieldbus Infrastructure
- Remote I/O Systems
- HART Interface Solutions
- Wireless Solutions
- Level Measurement
- Purge and Pressurization Systems
- Industrial Monitors and HMI Solutions
- Electrical Explosion Protection Equipment
- Solutions for Explosion Protection

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- AS-Interface
- Identification Systems
- Logic Control Units

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