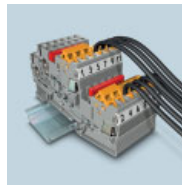


Phoenix Contact offers a full family of modular components covering virtually all of your electrical and electronic needs as well as a broad range of value-added services.

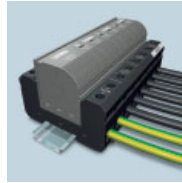
CLIPLINE

- DIN rail-mount terminal blocks
- Marking materials and printers
- Tools
- Ferrules



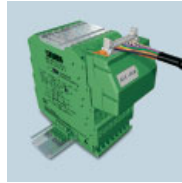
TRABTECH

- Surge voltage protection



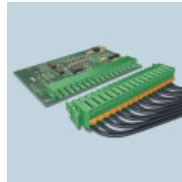
INTERFACE

- Analog signal converters
- Power supplies
- Relays
- PLC cabling
- Rail-mount breakout modules
- Intrinsic safety modules



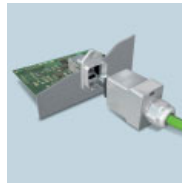
COMBICON

- PCB terminal blocks
- Electronic component housings



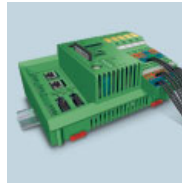
PLUSCON

- Industrial plug connectors
- Sensor cabling and sensor boxes



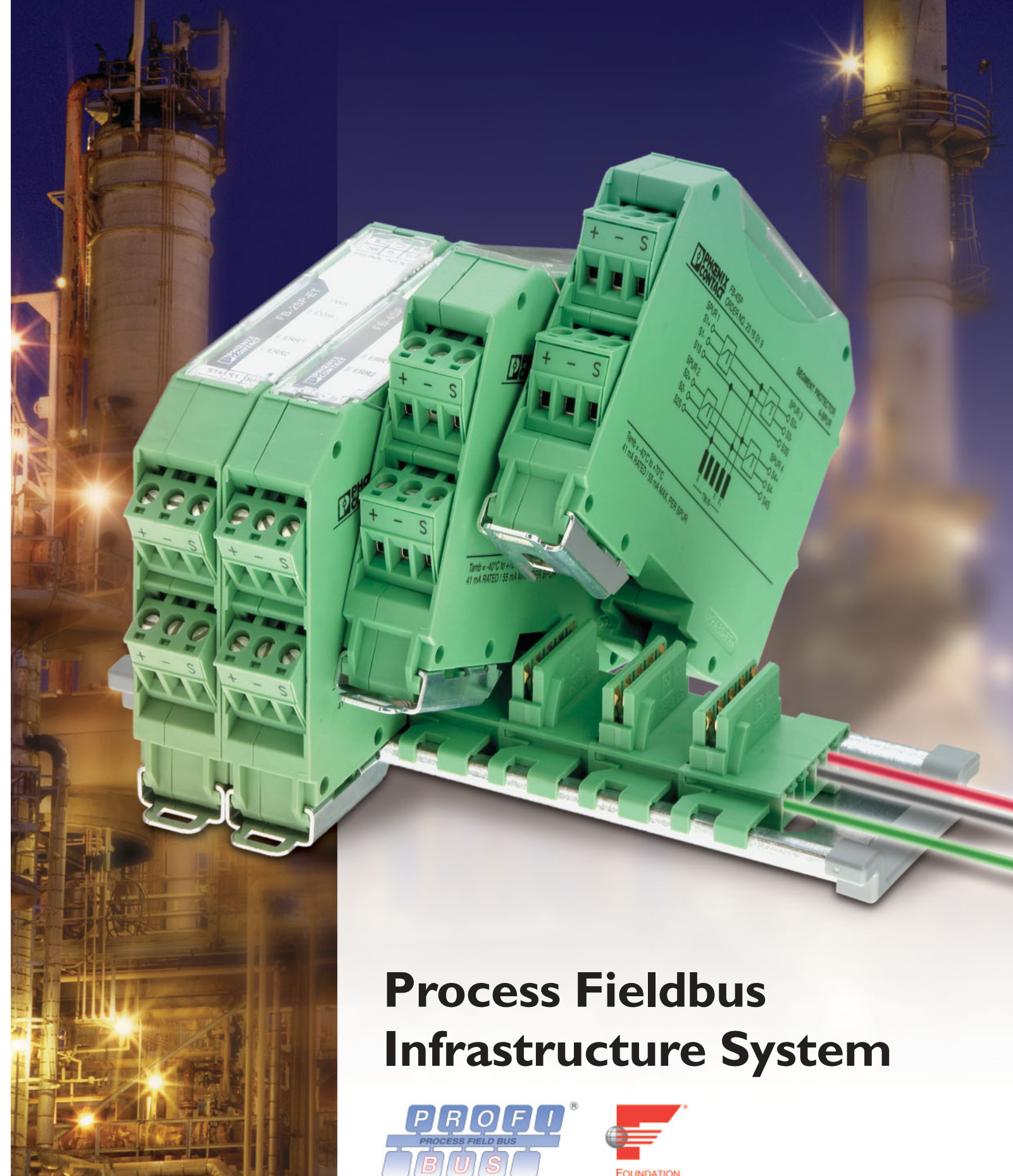
AUTOMATIONWORX

- Solutions, products and services for DeviceNet, Profibus, Ethernet and Interbus
- Controllers and software
- Fieldbus I/O
- Ethernet infrastructure components



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Process Fieldbus Infrastructure System



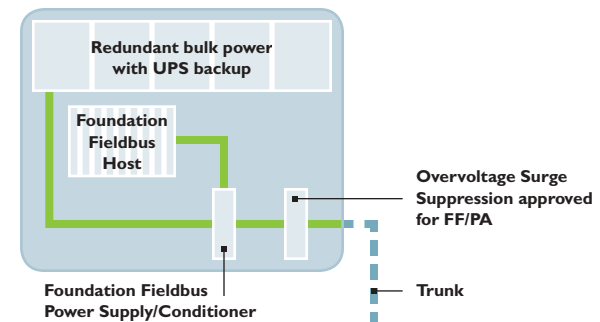
Process Fieldbus Infrastructure System

A New Modular Approach

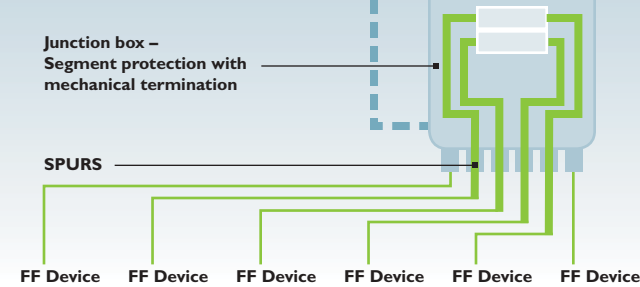
Phoenix Contact's breakthrough modular approach to fieldbus physical layer components not only provides infrastructure connection between the process fieldbus controller and field devices, but it allows for future expansion without disrupting communication. This concept combines our competencies in industrial electronic packaging and data communications to deliver unique and high-value solutions. With this modular technology, it is no longer necessary to over-engineer a system. Instead, specify only what is presently needed and have confidence that future additions can be made with ease when using Phoenix Contact's Fieldbus Infrastructure System.

Typical Foundation Fieldbus H1 Segment

Control Panel



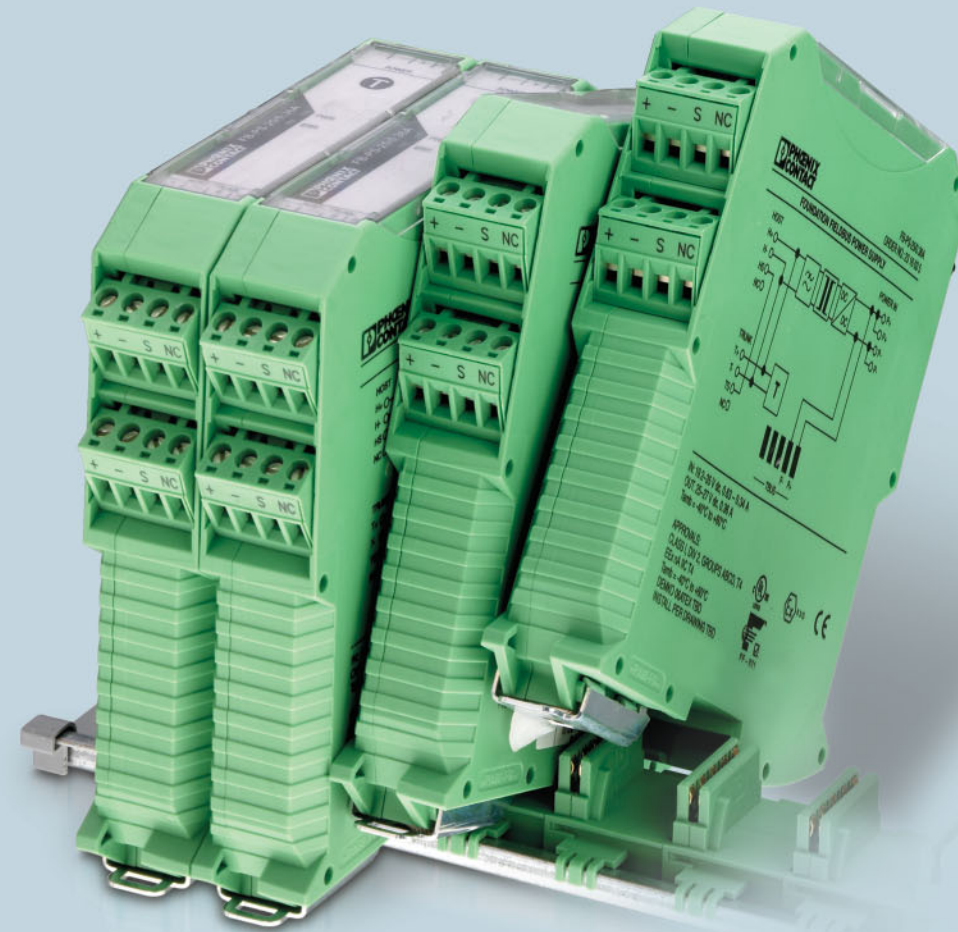
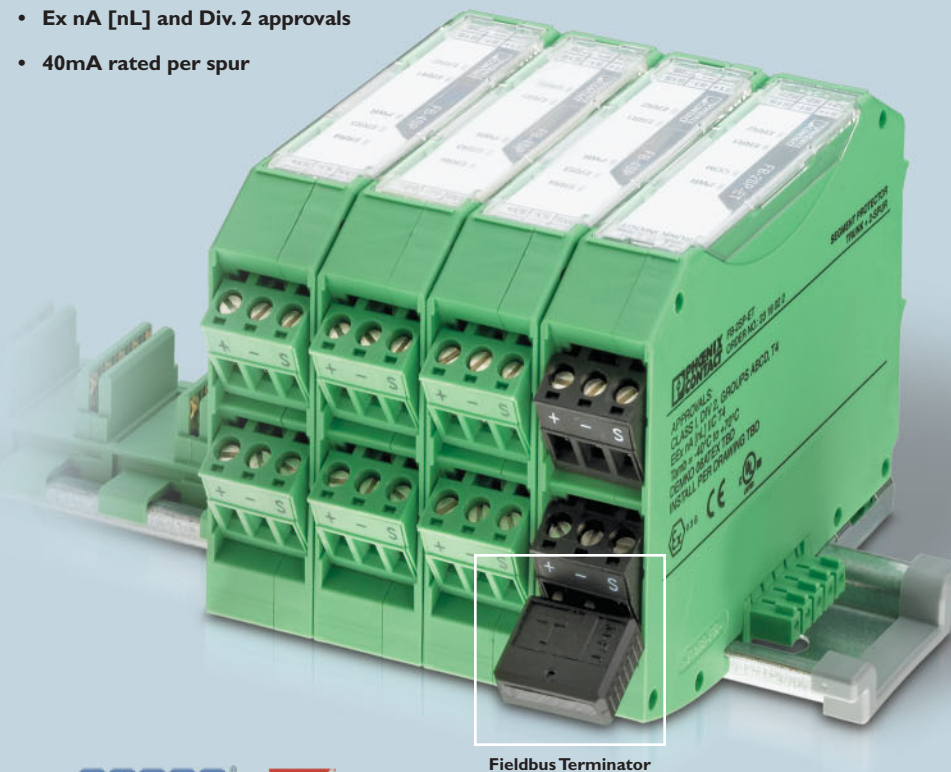
Field



Modular Segment Protectors & Terminator

Phoenix Contact's Modular Segment Protectors provide short-circuit protection by limiting the amount of current that can be drawn; all other spurs and segments will continue running even if one short-circuits. These modules come with built-in status LED's and a pluggable terminator for error-free installation.

- For use with Foundation Fieldbus and Profibus PA
- Modular design based on T-bus (provides signal and power to the T-bus)
- Allows for system and future expansion when needed without disrupting communication
- Modules are hot-swappable
- Significantly less space on the rail – 5.25mm/spur (for 10 spurs)
- External mechanical terminator allows for error-free termination
- -40° to +70°C temperature range
- Ex nA [nL] and Div. 2 approvals
- 40mA rated per spur



Isolated Power Supply

The Phoenix Contact Isolated Power Conditioner provides power for one Foundation Fieldbus H1 Segment. It is galvanically isolated with built-in output impedance and uses passive components to allow for heat dissipation.

- Input power shared between modules via T-bus for reduced wiring
- Built-in terminator
- Led-diagnostic indication for power and fault status
- Input 19-35Vdc
- Output 25V at 360mA
- Ex nA [nL] and Div. 2 approvals
- -40° to +60°C temperature range
- FF-831 certified



Part Number	Description
Segment Protectors	
2316022	FB-25P-ET
2316019	FB-4SP
2709561	ME 17, 5 TBUS 1, 5/5-ST-3, 81 GN

Part Number	Description
Foundation Fieldbus Power Supply	
2316035	FB-PS-25/0, 36A
2707437	ME 22, 5 TBUS 1, 5/5-ST-3, 81 GN

Part Number	Description
Surge Protection	
2856058	PT 1X2-24AC-ST
2856113	PT 1X2-BE
2856126	PT 1X2+F-BE
2856812	PT 2-PE/S-120 AC/FM
2858357	PT 2-PE/S-230 AC/FM

Part Number	Description
Bulk Power	
2938853	QUINT-PS-100-240AC/24DC/5/EX
2938866	QUINT-PS-100-240AC/24DC/10/EX
2938963	QUINT-DIODE/40
2866226	QUINT-DC-UPS/24DC/10
2866239	QUINT-DC-UPS/24DC/20
2866349	QUINT-BAT/24DC/3.4AH
2866352	QUINT-BAT/24DC/7.2AH
2866365	QUINT-BAT/24DC/12AH



TRABTECH
Protect the fieldbus from over-voltage using Phoenix Contact's Transient Absorption Technology.



QUINT
Provide bulk power, redundancy and battery backup with Phoenix Contact's QUINT Power.

For more information, visit
www.phoenixcon.com/fieldbus