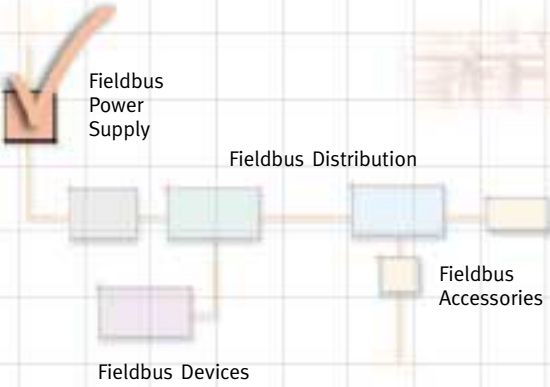


**SOLUTIONS FOR FIELDBUS TOPOLOGIES:
FIELDBUS POWER HUB**



CONNECTING FIELDBUS POWER AND KNOWLEDGE



FIELDBUS POWER HUB

Up to 8 modules provide the power conditioning for individual or redundant power supply of FF H1 segments.

Easy connection of fieldbus trunks

Integrated Fieldbus Terminator

Power

The FieldConnex™ Power Hub supplies maximum power to FOUNDATION Fieldbus H1 segments

- non-Ex 31 V/500 mA per module
- FNICO 17 V/500 mA per module
- with high efficiency

Availability

The FieldConnex™ Power Hub improves your plant's availability by means of

- galvanic isolation
- interference minimization due to CREST technology
- optimized redundancy concepts

Various backplanes for up to 9 modules. Available with system connectors for all major Hosts.

Integrated galvanic isolation and CREST technology

Diagnosis Module monitors operation as well as electrical values of trunk and bulk power supply.

Installation in Zone 2

Reliability

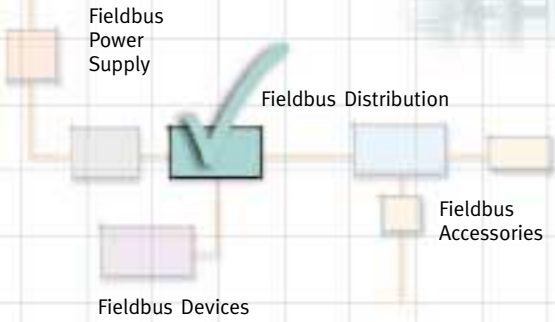
The FieldConnex™ Power Hub enhances your plant's reliability by means of

- sophisticated Diagnosis Module
- fault indication by LED and relay
- passive power conditioning

**For technical details and other FieldConnex™
Topology Solutions and Components please visit
www.fieldconnex.info**

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Availability

The FieldConnex™ Segment Protectors feature

- protection of the fieldbus communication in the segment against short-circuits in any spur
- quick remedy of faults due to LED indication of affected spur

FIELDBUS 12-SPUR SEGMENT PROTECTOR

Connections of 12 spurs with individual short-circuit current limitation

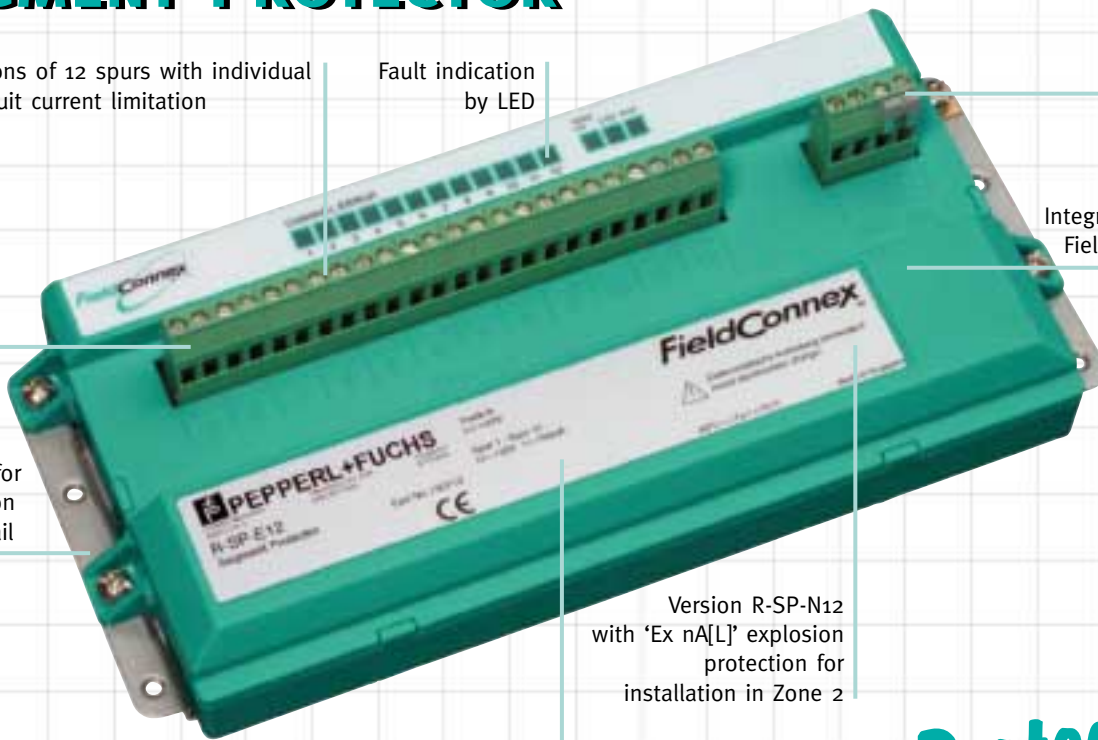
Fault indication by LED

Connection of fieldbus trunk

Several terminal versions

Integrated switchable Fieldbus Terminator

Housing for installation on DIN rail



Version R-SP-N12 with 'Ex nA[L]' explosion protection for installation in Zone 2

Version R-SP-E12 with 'Ex me' explosion protection for installation in Zone 1

Protection

Power

The FieldConnex™ Segment Protectors distribute maximum power in fieldbus segments

- to up to 12 devices per Segment Protector
- by allowing a clear and efficient chicken-foot topology

The FieldConnex™ Segment Protectors protect your plant by

- connecting Ex d devices located in Zone 1
- connecting Ex ia, Ex nL and other Zone 2 certified devices located in Zone 2

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