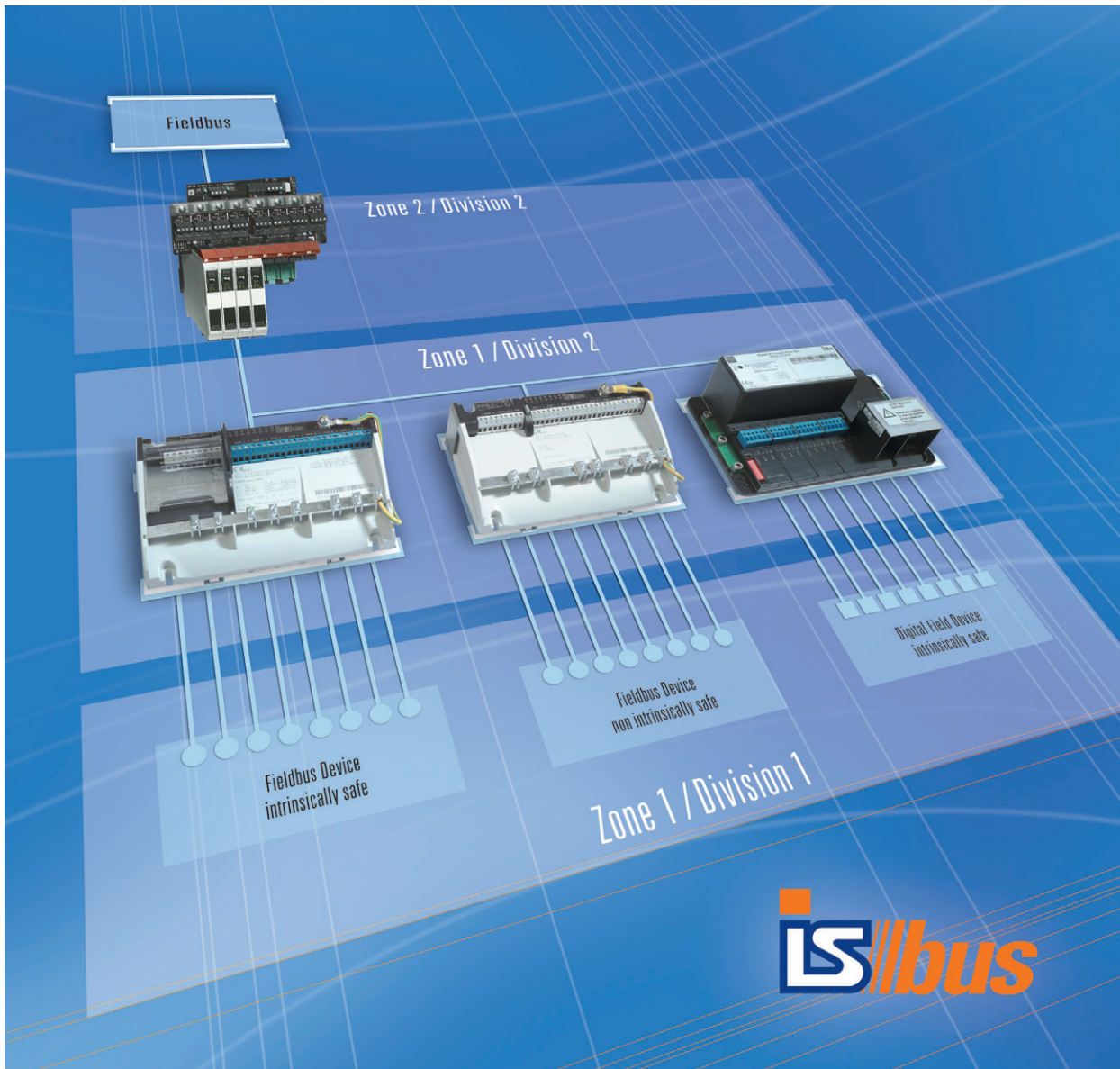


Overview of the System Components

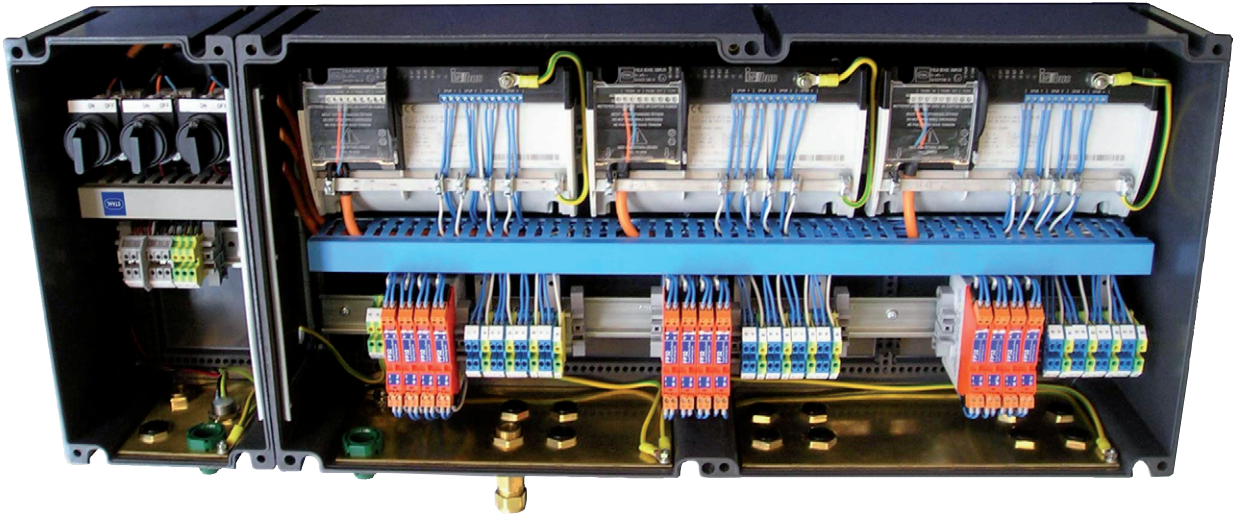


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- Different field device couplers on the high energy trunk in Zone 1 or Zone 2 / Div. 2
- Connection of Zone 1 / Div. 1 Ex i / FISCO and Ex d / Ex m fieldbus devices as well as Ex i contacts, proximity switches and solenoid valves
- Connection of Zone 2 / Div. 2 Ex nL, ic respectively Nonincendive fieldbus devices
- Simplex or redundant fieldbus power supply for up to 32 field devices



Systems and Applications



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Customer specific solution:

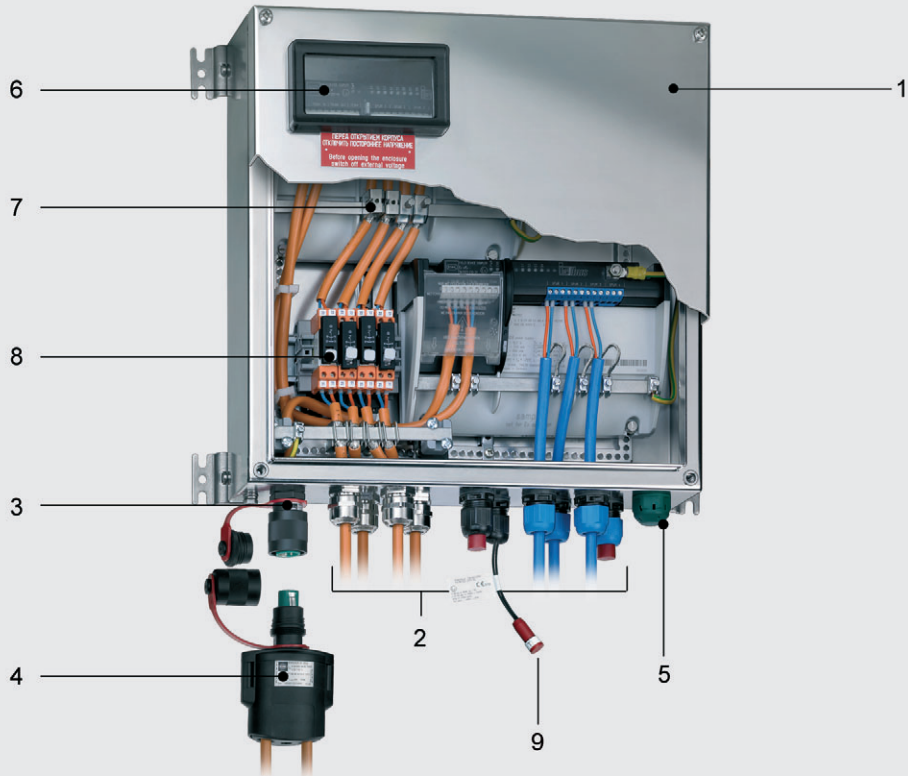
Ex i fieldbus barriers on the non-intrinsically safe high energy trunk can be shut down separately in Zone 1 and can therefore be replaced easily. Spurs and trunks include lightning protection, separate earthing for fieldbus cables, enclosures and armoring.



Customer specific solution:

Combination of remote I/O (top) and valve blocks (left) on the Profibus DP with Ex i fieldbus barriers for FOUNDATION™ fieldbus H1. Installation in Zone 2 or in the safe area.
For max. 128 analogue or 256 digital conventional signals and 48 FOUNDATION™ fieldbus H1 field devices

Overview of Fieldbus Accessories



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- | | |
|---|--|
| <p>1 = Applicable enclosures
made of moulded plastic Series 8146
made of stainless steel Series 8125
customer specific versions</p> <p>2 = Cable glands
made of moulded plastic Series 8161
made of metal</p> <p>3 = mini CLIX Series 8591
Ex plug with hot swap
for non-intrinsically safe signals</p> <p>4 = Y-Adapter mini CLIX Series 8592
Socket with 2 cable glands</p> | <p>5 = Breathing gland Series 8162</p> <p>6 = Windows
122 mm x 66 mm (L x H)
→ Ordering code 86 038 04 58 0
64 mm x 64 mm (L x H)
→ Ordering code 86 038 01 58 0</p> <p>7 = Shield connection terminals
(e.g. from Weidmüller, Phoenix)
Version: screw or
cage clamp terminal</p> <p>8 = Application specific components
(e.g. Isolating Terminal Series 8082)</p> <p>9 = Terminator Ex i or Ex m Type 9418
for fieldbuses</p> |
|---|--|

Note: Selection tables of fieldbus accessories see page 5/xx

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.

