



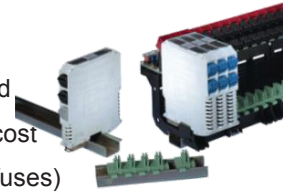
# R.STAHL HAZARDOUS LOCATION PRODUCTS

## AUTOMATION:

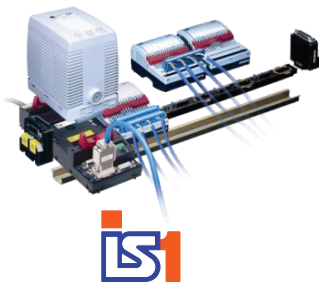
### Intrinsically Safe Barriers and Isolators:



- A complete range of single and dual channel isolators and barriers
- Patented protective circuit protects barrier from needing to be replaced
- Pac-Bus power supply system reduces maintenance and installation cost
- One fuse fits all (minimize inventory, and guesswork on replacement fuses)
- Approved for installation in Division 2 / Zone 2



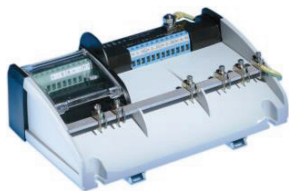
### Remote I/O:



- A unique, component based, plug and play system
- Communication via Profibus DP, Modbus RTU and Modbus TCP
- Division 1 / Zone 1 listing enables installation right next to the process without the need of explosion proof / purged enclosures
- Ease of Maintenance. Hot Swap Modules (Can remove modules live in Division 1 and Zone 1).



### Fieldbus Solution:



- Field device couplers for Foundation Fieldbus H1 and Profibus PA
- Worlds First 8 Channel!
- Digital I/O coupler enables all signals to go onto fieldbus
- Division 2 and Zone 1 installation
- Standard enclosures available



### Local Operator Interface:



- Operator interface terminals
- PC based open LOI with embedded Windows XP
- Communication to all automation systems
- Division 1 and 2 / Zone 1 and 2 installation
- Worldwide approvals
- Remote Terminal



### Audible & Visual Signaling Devices:



- A wide range of Horns / Beacons & Manual Call Points
- Division 1 and 2 / Zone 1 and 2
- Worldwide approvals UL, CUL, ATEX, IECEx, GOST-R
- Aluminum and GRP Ex d flame proof enclosures
- Unique product design and features
- ATEX / IECEx Zone 21 & 22 approved for Gas & Dust





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## ELECTRICAL:

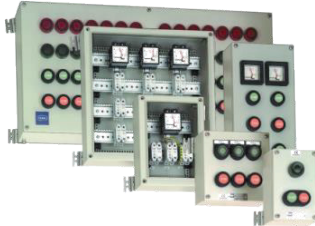
### Termination / Junction Boxes:



- Offering enclosures for harsh environments suitable for Division 2, ATEX, IECEX
- Non metallic interlocked receptacles available in Division 2, ATEX, IECEX NEC / CEC, ATEX, IECEX



### Controls:



- Offering a multitude of control station and panel options
- Options include, push buttons, control switches
- Custom designs to meet customers individual requirements
- NEC / CEC, ATEX, IECEX
- Available in fiberglass-reinforced polyester, steel painted and stainless steel



### Enclosures, Control and Distribution:



- A broad line of control and distribution equipment
- Globally certified (ATEX, NEC, CEC) explosion proof screw cover and bolted-flange enclosures
- Custom control panels to meet customer requirements
- Able to meet almost any hazardous area installation requirement



### Lighting:



- Fluorescent lighting solutions for NEC/CEC, ATEX, and IECEX required hazardous locations
- HID lighting solutions for NEC/CEC, ATEX, and IECEX required hazardous locations
- Rugged construction ideal for Industrial environments



### PurgEx



- Stainless steel or anodized aluminum construction for superior corrosion resistance (NEMA 4, 4X)
- Small Profile and light weight reduces installation footprint
- Global Certifications. Certified to: ATEX / IECEX / NEC / CEC in a single part number. Ideal for global companies looking to standardize on a single design.
- Dry contact outputs for remote monitoring comes standard.



### Temporary Power:



- Full compliment of custom temporary power solutions for hazardous classified locations
- Certified to meet Canadian CEC and USA NEC standards
- Non-hazardous classified location solutions also available

