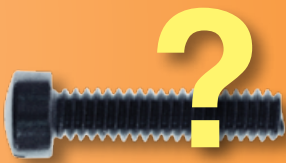
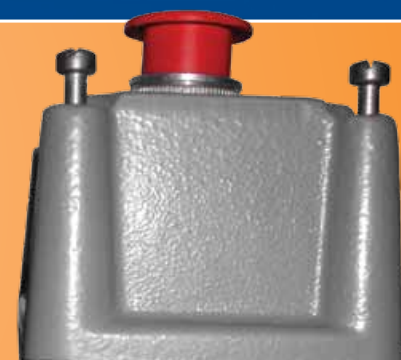


MISSING BOLT?



IS THERE A BETTER ALTERNATIVE?



IS BIGGER/HEAVIER BETTER?

CORROSION PROBLEMS?



IS IT GLOBAL?



STAHL

CLASSIFICATIONS

NEC

- Class I, Zones 1 & 2 AEx de IIC T6
- Class I, Division 2, Groups A, B, C, E
- Class II, Division 2, Groups F, G
- Class III
- Enclosure Type 3, 4 & 4X; IP66
- UL Listed File No. E182378



CEC

- Class I, Zones 1 & 2 EX de IIC T6
- Class I, Division 2, Groups A, B, C, D
- Class II, Divisions 1 & 2, Groups E, F, G
- Class III
- CSA [logo] CSA Enclosures 3, 4 & 4X; IP66
- Certified - File No. LR99480

EX

- II 2 G Ex ed IIC T6, Zones 1 & 2, IP66
- II 2 D Ex tD A21 IP 65 T80°C, T95°C, T130°C
- PTB 01 ATEX 1105

Ambient Temperature Range:

- +40°C (+104°F) Max.
- 20°C (-58°F) Min.

Special Ambient Temperature Range:*

- +60°C (+140°F) Max.
- 50°C (-58°F) Min.

Also available in stainless steel. Contact R. STAHL for more information



*Consult Factory

STAHL

Technology Solutions

STAHL

Technology Solutions

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New Technologies for Hazardous Location Controls

Think Out of the Box!

STAHL

Explosion Proof/Explosion Protected Control Switch and Signaling Stations

CLASS 1, ZONE 1 & 2; CLASS I, DIV 2

R. STAHL's factory-sealed explosion proof/explosion protected control switch and signaling stations are revolutionizing the industry with the space efficient design that surpasses its cast iron competitors.

Constructed of incredibly tough Fiberglass Reinforced Polyester (FRP). Our pound-and-a-half control stations are a fraction of the weight of typical cast metal control stations, making them ideal for weight sensitive areas like offshore facilities or for installers who have to lug around several at a time.

Because of the improved technology, R. STAHL can use lightweight FRP material, as opposed to cast metal, because the explosion is contained within the contact block not the housing.



Our Technology Means Increased Safety

Since safety is our top priority, we have combined innovative technology with engineered design to create control stations that increase safety within your facility. Because our technology **moved the explosion protection from the enclosure to the device itself**, we were able to use equally durable, but lighter weight materials for the housing. In addition, the materials for the housing won't corrode, like cast iron, which can jeopardize the safety of the enclosure.

Our design also incorporates captive stainless steel screws, which can increase safety. On typical cast metal control stations, the installer could accidentally drop and lose one of the loose screws, an essential component to maintain explosion protection. Through Stahl's innovative technology, **the failure points are eliminated.**



Our Technology Means Reduced Labor Costs

R. STAHL's revolutionizing technology has not only transformed the design, but the way you do business. The days have past where heavy cast iron, Division 1 rated control stations are needed. R. STAHL's Division 2 rated control stations are designed to **reduce your labor costs** with easier installation and reduced maintenance needs. And it is factory sealed. No conduit seals required.

Our design also frees up the installer hands because our **control stations are not wired to the cover**. All wiring is done within the box. In addition, the contact block can be "popped" off using the very same screwdriver the installer used to open the housing.



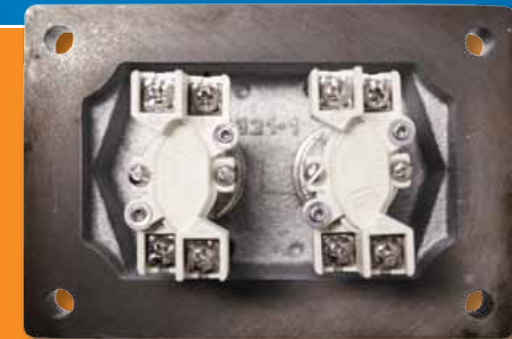
Competitors Control Stations

Flathead Screws Only
Steel Plated Loose Screws
Screws Drilled into Housing
Missing Bolts present Safety Issue
Bolts require over 10 turns



STAHL Control Stations

Tri Drive Screws
Stainless Steel Captive Screws (corrosion resistant)
Brass Threaded Insert for Screws
Bolts require 4 turns



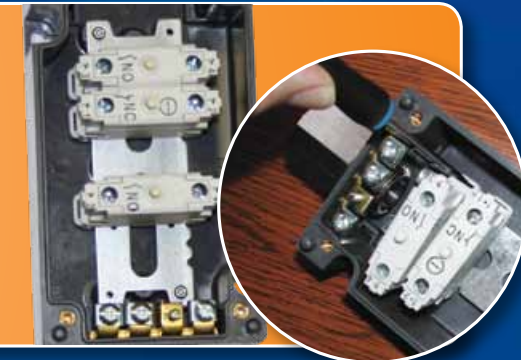
Competitors Control Stations

Wire to cover (requiring two hands)
Explosion contained in housing
Metallic shaft exposed



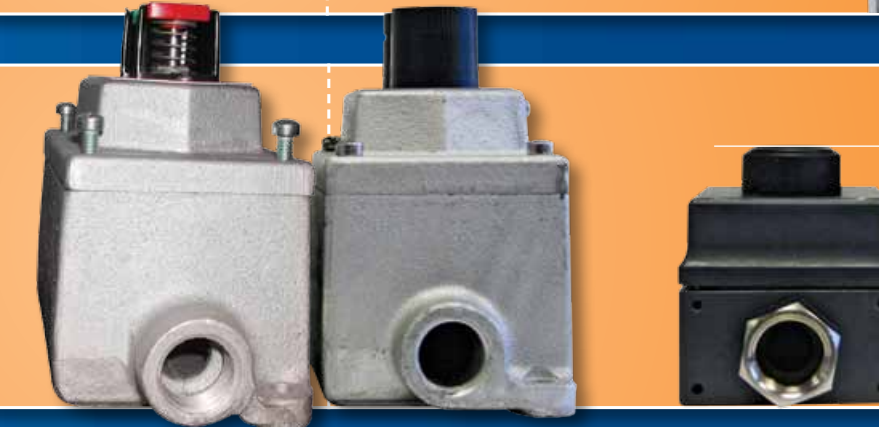
STAHL Control Stations

Wire directly to contact block (which pops out, freeing up your hands)
Explosion protection contained in the contact block itself, not the enclosure
Shaft completely protected within the enclosure



Competitors Control Stations

Larger profile
Heavier weight (7 1/2 - 10 lbs)



STAHL Control Stations

Lower profile
Lighter weight (1.44 lbs)



Competitors Control Stations

Cast metal housing
Dissimilar Metals (Iron Backbox / Aluminum Cover)



STAHL Control Stations

Fiberglass Reinforced Polyester (FRP) housing
NEMA 4X rated IP66
Stainless Steel Hardware



Competitors Control Stations

NEC / CEC only



STAHL offers the most comprehensive certifications for all parts of the world. Whether NEC, CEC, ATEX or IECEx, Stahl has a solution for you.