

# GDS Systems Ltd

## Products Presentation





# GDS Systems

Our company practices, standards and administration systems have been recognized and awarded *ISO:9001:2008* registration.

We design, integrate and provide electrical and hydraulic control systems and hardware for marine, oil field and petroleum applications.





# GDS Systems products

Hash and hazardous environments require top products

## ➤ SOLUTIONS

- Design and assemble of cable assemblies.
- Design, integrate and assemble control systems.

## ➤ CABLES, ENCLOSURES AND COMPONENTS

- Marine and oil rig power and data cables for hazardous environments.
- Ex d explosion proof enclosures for oil, gas, LNG and petroleum installations.
- Ex d explosion proof electrical connectors.
- Flame proof / Ex d cable glands.
- Ex d explosion proof pressure sensors.



# TOTAL PACKAGE SOLUTIONS

*Cable assemblies*

*Hazardous area controls and monitoring*



# Cable assemblies

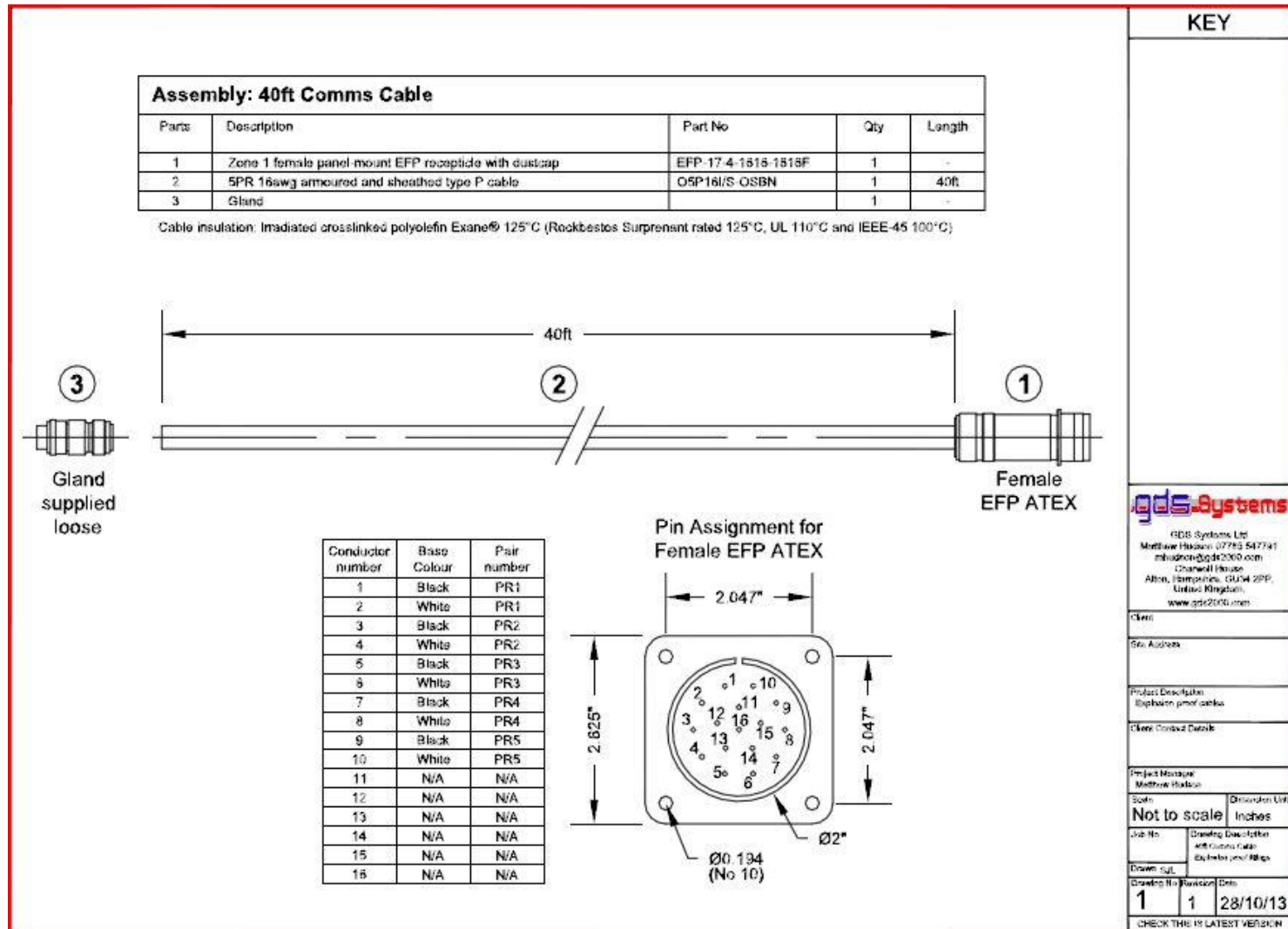
We can design and integrate cable assemblies for new applications or provide compatible spares and replacements for current operations.



*Designed for the application,  
Certificates of conformity,  
Cable drawings,  
Armoured power cables,  
Armoured and un-armoured data cables,  
Multi-core and twisted pair cables,  
Cable mouldings,  
Zone rated connectors,  
Flame proof cable glands,*



# Cable assemblies



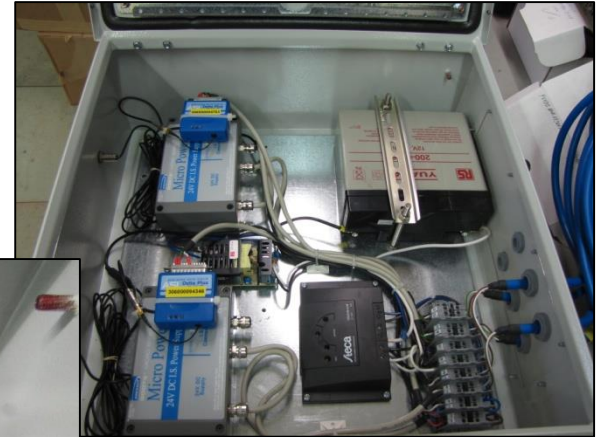
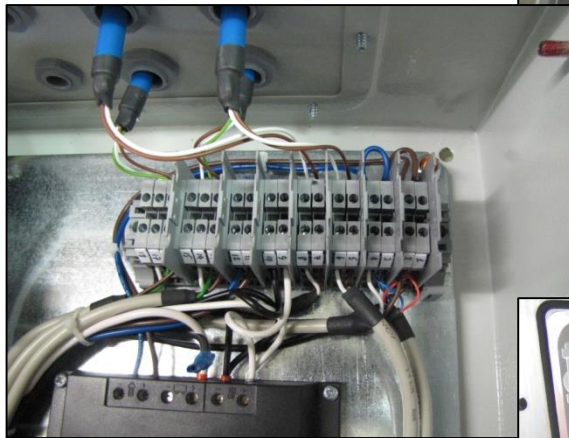


# Hazardous area controls

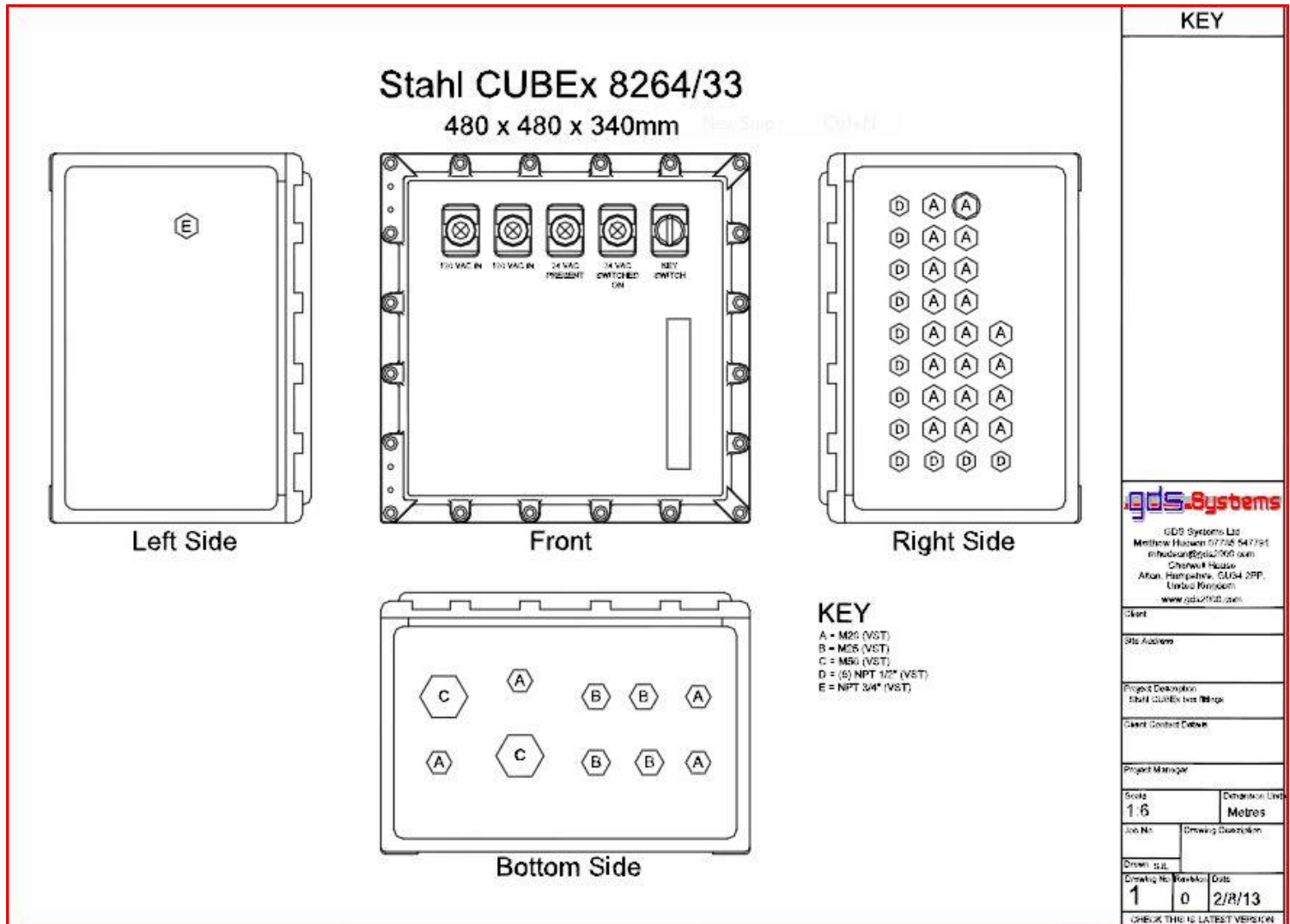
We can design and assemble control and monitoring systems that can be located in hazardous areas.

Typical applications:

- System and power control
- System Monitoring
- Hydraulic system control
- Flow & pressure sensors
- Fluid or gas tank level
- Water & Air Quality
- Switching equipment
- Pump & valve control monitoring
- Electronic flow meter monitoring
- Environmental condition monitoring



# Hazardous area controls







# ZONE RATED CABLES, ENCLOSURES AND COMPONENTS

*Certified Zone rated connectors*

*Marine and rig cable*

*Flame proof cable glands*

*Certified Zone rated enclosures & components*



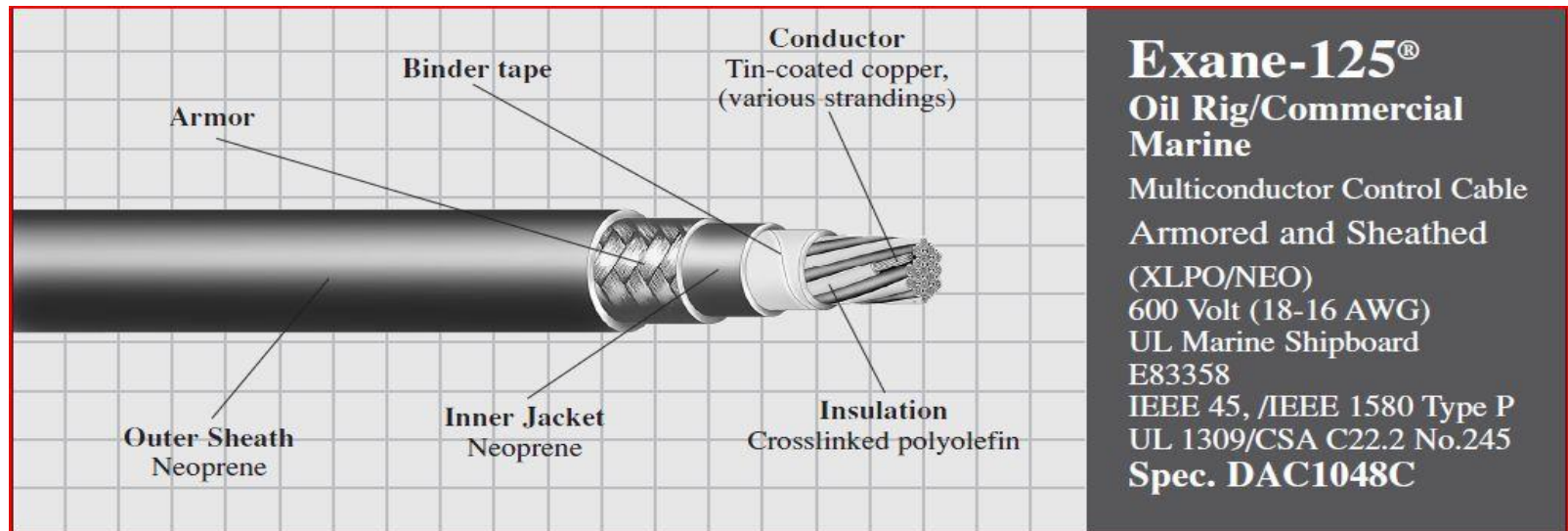
[www.gds2000.com](http://www.gds2000.com)



# Marine and Rig Cable

The Exane-125 multi-conductor armoured and sheathed drill rig power and control cable is ideally suited for use in rugged applications. These constructions provide a cable with outstanding resistance to mechanical abuse, moisture, flame, sunlight and petrochemical fluids through a wide ambient temperature range.

Further details can be provided based on the design requirements.





# Flame proof cable glands

An extensive range of cable glands of approved products designed and tested for use in Ex d, Ex e, Ex nR and EX t hazardous area protection concepts.

Typical users being:

- Oil & Gas Operators
- Petrochemical & Pharmaceutical
- Engineering Contractors
- Hazardous Location Equipment installations.





# Ex d enclosures & components

We can provide a complete range of approved Ex d rated and flame proof enclosures and components.

Please ask if you are looking for a particular enclosure or component and we will provide you with full details depending upon application and design requirements.

