

Doha energy storage explosion-proof fan product parameters

What is an explosion proof fan?

All Explosion Proof Fans have a single speed,dual voltage explosion proof motor that meets and conforms to all the standards that are listed below. Class I,Group C - Atmospheres containing ethyl ether,ethylene,gases or vapors of equivalent hazard.

Are CANARM LFI explosion proof fans assembled?

All fans are shipped completely assembled. Canarm LFI's explosion proof fans follow a tradition of quality in design,materials and construction. Using our quality "Standard Fan" housing and motor mount as the basis for design,we have developed an efficient,economically priced Explosion Proof Fan.

Where are explosion protected fans used?

Explosion protected fans are particularly in demand in chemical factories,refineries,paint shops and paint factories,refuelling and conveyor systems for flammable liquids,gases and solids,as well as in environments with combustible dusts,such as the processing of coal,wood,coffee,cocoa or in grain mills.

What are ex fans?

Ex fans are designed to fulfil the requirements of the standard for explosion protected fans(DIN EN 14986). This includes,for example,the use of certain approved material pairings between stationary and rotating parts,and distances between rotating and stationary parts must also comply with specific limit values.

What is the legal basis for ex fans?

The legal basis in Europe is Directive 1999/92/EC. Ex fans are designed to fulfil the requirements of the standard for explosion protected fans (DIN EN 14986).

What if a vent panel is actuated in a deflagration or explosion?

come projectiles in the event of a deflagration or explosion. The angle of vent panel openings upon actuation also need to be considered,as different angles allow more or less oxygen to enter the enclosure while still retaining the flammable gas and heat within,



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