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Suprema®



Principles of Operation

Field configurable and providing a distributed digital bus technology that ensures fail-safe internal data transfer resulting in tremendous system flexibility and minimized wiring needs, helping to keep overall system costs as low as possible.

Approvals & Standards

[Click here](#) to go to Approvals and Standards

Applications

Agriculture
Chemical
Electric Utility
Gas Detection
General Industry
Hazardous Materials
HVAC
Manufacturing
Mining
Oil & Gas
Paper & Pulp
Telecommunications
Water/Wastewater

Hazards

Combustible Atmosphere
Fire
Leak Detection
Oxygen Deficiency
Toxic Atmosphere IDLH
Toxic Atmosphere Non-IDLH

Product Information

- The Suprema Control System for fire and gas detection features a modular redundancy design that provides adapted flexibility to any monitoring system or safety requirement
- Designed to meet a wide range of monitoring needs, the Suprema Controller provides signal processing for up to 256 inputs and 512 relay and analog outputs
- Suprema electronic cards, modules and chassis can be coated to be installed for Platform applications (marine environments)
 - This process is done at our main factory and complies with the ISA-71.04 G3 standard

Additional Product Information

- **Application Data Sheet: Gas Detection in the Automotive Industry**
- **Application Data Sheet: Gas Detection in Compressor Stations**
- **Application Data Sheet: Gas Detection in LNG Applications**
- **Application Data Sheet: MSA Gas Detection: Monitoring Petroleum Loading in Terminal Bays**
- **Brochure: MSA Flame and Gas Detection for the Oil, Gas and Petrochemical Industries**

- **Press Release - December 2003 "MSA Announces the Suprema Control System"**
- **Suprema Presentation**
- **Press Release - February 2004 "MSA Receives TUV Approval to NFPA National Fire Alarm Code for Suprema Fire and Gas Warning System"**
- **Press Release - November 2004 "MSA Releases New Flame and Gas Detection Bulletin for the Oil, Gas and Petrochemical Industries"**
- **Bulletin - MSA Suprema® Control System Receives cUL Approval**

Technical Information

- **Instruction Manual - SUPREMA - Fire and Gas Warning Unit Operation Manual (Manual Part No. 10067124)**
- **Specifications**
- **Data Sheet - Suprema Control System [innovation in gas measuring technology] (Data Sheet No. 07-2068)**

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