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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)**

**How to Order From MSA Middle East:**

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