

ModCon 75 Controller

Pre-programmed, self-configuring controller for monitoring up to 25 Ultima X Gas Monitors with X³ Technology

MSA's ModCon75 Controller is designed for use with your Ultima X Gas Monitor with X³ Technology, enabling self-configuration and saving time and money. This economical choice is suitable for all industrial, municipal, oil, gas, petrochemical, and HVAC applications.

- Compact unit provides remote control of many features
- Modbus RTU input and Modbus-over-Ethernet interface capability
- Self-configuring to Ultima X Gas Monitors with X³ Technology
- View and control of up to 25 Ultima X Gas Monitors with X³ Technology (75 total sensors)
- All pertinent data displays on main data screen
- 12/24 VDC power supply
- Panel input power is 12/24 VDC; wall-mount power is 115 VAC
- Seven-year battery backup provides memory and real-time clock
- Logs up to 2000 events
- Nine zone control relays
- Password-protected
- cUL listed (panel only)



ModCon75 Controller Specifications	
PANEL MOUNT	
WEIGHT	3 lbs (1.4 kg)
DIMENSIONS	6.1" H x 10.24" W x 2.8" D (155 x 260 x 71 mm)
ENCLOSURE TYPE	none
MAXIMUM NUMBER OF SENSORS	75
FRONT PANEL	IP65/NEMA 4X (when mounted)
MOUNTING PROVISIONS	Installation designed for panel mount
WALL MOUNT	
WEIGHT	18 lbs (8.2 kg)
DIMENSIONS	17.3" H x 15.3" W x 6.7" D (439 x 389 x 170 mm)
ENCLOSURE TYPE	NEMA 4X fiberglass enclosure with panel mount display and controls
MAXIMUM NUMBER OF SENSORS	75 (25 transmitter heads with maximum of 75 sensors)
MOUNTING PROVISIONS	4 mounting holes located on top and bottom (2 each) for flat surface attachment
GRAPHICAL DISPLAY SCREEN	
TYPE	Negative blue STN LCD graphical display
ILLUMINATION BACKLIGHT	CCFL (fluorescent lamp)
DISPLAY RESOLUTION	240 x 64 pixels
HMI DISPLAYS	Up to 255
BATTERY BACKUP	7-year typical battery backup for all memory sections and real-time clock
ENVIRONMENTAL	
OPERATING TEMPERATURE RANGE	32°F to 122°F (0°C to 50°C)
OPERATING HUMIDITY RANGE	5-95% RH, non-condensing