



MODEL SMAC-SEQ

Description

The sMAC-SEQ™ master control panel provides a quick and easily deployable solution for installations in need of automated blower or compressor sequencing. By interfacing with a process variable input the sMAC-SEQ™ can provide automated starting and stopping of the equipment while also providing run-time balancing, quick process recovery from equipment failure, and integration of different equipment types. The system is fully configurable to fit your application and has additional features such as remote monitoring and control capability, ethernet or hardwired connectivity, and a 10" touch screen interface.



Control Options

Control Methods	Blower or Compressor Sequencing based on Process Variable
Control Modes	Flow, Pressure, Manual

Available Protections & Functionality

Equipment Sequencing
Run Time Balancing
Communication Monitoring
Equipment Monitoring
Header Temperature Monitoring
Header Pressure Monitoring
Header Blow-Off Valve Control
Process Variable Control

Documentation, Testing & Startup Services

Operation Manuals
System Integration Support Documents
Factory Acceptance Testing (witnessed available)
Installation Support
Commissioning & Training



Standard Panel Specifications*

*Customization may affect the standard listed specifications

Approvals	UL/ULC 508A	Other Product Features
Warranty	Lifetime Warranty with Standard Hardware	High-Resolution Analogs
Enclosure Size	30H x 24W x 10D	LED Fuse Blocks
Enclosure Rating	TYPE 4	120V Convenience Outlet
HMI	10" Phoenix Contact WP 6101-WXPS	Ethernet Switch
PLC		Electrical Surge Protection
Model	Phoenix Contact PLCnext AXC F 3152	Isolated Instrument Ground
Programming Software	PLCnext Engineer (Free Software)	Available Options
CPU	Intel Atom™ x5-E3930, 2x 1.3GHz	Alternate PLC Brand (Allen Bradley, Siemens, Schneider, Other)
Internal Memory	1GB	Alternate HMI Brand (Allen Bradley, Siemens, Schneider, Other)
Expansion Memory	SD Card - 2GB	Type 4X or Type 12 Enclosure
Communications	ProfiNet, EtherNet/IP, Modbus TCP, MQTT, OPC UA (more options available)	Hinged HMI Cover
Ethernet Connections	x3 RJ45	Interior Light
Operating Temperature	-25°C to 60°C	Alarm Beacon or Siren
I/O		Pilot Devices - Push Buttons, Switches, or Indicator Lights
Discrete Inputs	x16	Ethernet Switch - Managed or Unmanaged
Discrete Outputs	x16	Cooling - Fans, Vortex Cooler, or Panel Mount A/C
Analog Inputs	x8	Panel Heater
Analog Outputs	x8	Purge Systems
		Other Approval Ratings

* Information is approximate and can change without notice

* Air Performance Based on 1 Atm, 68F/20C, 36% RH and 3550 rpm