sLOC-MCTM

MSCB Throttle Valve Controls

Multistage Blower - Throttle Valve Control

Description

The sLOC-MC™ is designed for users looking for actuated inlet throttle valve control and to protect and monitor the full health of their multistage blower installation. This control package is fully configurable to fit your application and has additional available features such as remote monitoring and control capability, ethernet or hardwired connectivity, and a 10" touch screen interface.

Lone Star Blower and Compressor has developed state of the art surge prediction and detection algorithms which are included with every sLOC-MC™ local control panel. Combined with active surge avoidance techniques, these added protections surpass what is offered by other market participants and ensure maximum reliability and system up-time.

Control Methods

Primary: Actuated Inlet Throttle Valve

Auxiliary: Actuated Blow-Off Valve or Recirculation Valve

Control Modes

Capacity %, Discharge Pressure, Other Process Variable

Available Protections & Functionality

Active Surge Avoidance
Surge Prediction & Detection
Complete Blower Monitoring from Any Instrument
Blow-Off / Recirculation Valve Control

Documentation, Testing & Startup Services

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





Standard Panel Specifications*

PLC

Ethernet Connections..... x2 RJ45 Operating Temperature ... -25°C to 60°C

I/N

*Customization may affect the standard listed specifications

Other Product Features

E-Stop & Status Light High-Resolution Analogs LED Fuse Blocks 120V Convenience Outlet Electrical Surge Protection Isolated Instrument Ground

Available Options

Alternate PLC Brand (Allen Bradley, Siemens, or Schneider)
Alternate HMI Brand (Allen Bradley, Siemens, or Schneider)
Type 4X or Type 12 Enclosure
Freestanding Enclosure
Hinged HMI Cover
Interior Light
Alarm Beacon or Siren
Pilot Devices - Push Buttons, Switches, or Indicator Lights
Ethernet Switch - Managed or Unmanaged
Cooling - Fans, Vortex Cooler or Panel Mount A/C
Panel Heater
Purge Systems
Other Approval Ratings

