AXECON CORP.

MGA3000 Series
NFPA 99 Medical Air Compressor Control Panel

Specifications

- UL 508A listed control panel
- NEMA 12 rated enclosure
- Compliance with NFPA99
- Molded case circuit breaker disconnects for each motor with through the door lockable mechanism
- Dual 120V control circuit transformer with fused primary and secondary circuit with dedicated separate circuit breaker for each compressor and control
- Pressure switch connection for backup system operation should primary control circuit fail*
- Lighted H-O-A switches and magnetic starters with three legs thermal overload for each compressor
- 3.5" multicolor touch screen LCD monitor displays operating status, compressor run hours, faults, system pressure, alarms and service alert for each compressor, dryer control, CO and dew point
- High temperature shutdown for each compressor
- PLC controller with control logic to start the lag compressor automatically if the lead compressor fails to operate. Logic also automatically removes failed or switched off compressor from duty sequence.
- All components used in control panel are non-proprietary and can be replaced using standard off the shelve components**
- Able to accept any range of sensors complying to 24VDC 4-20mA standard on site without the use of factory programming
- Alarm logging on HMI
- Normally open and normally closed dry contact for remote monitoring of NFPA 99 alarm points

Optional Features

- Building automation communication gateway with BacNet® TCP/IP protocol
- 65 KAIC SCCR rating
- Amperage readout for each motor
- Ambient temperature monitoring
- Factory remote connection via secure gateway (with enable/disable switch operated by local personnel)
- Backup pressure switch factory mounted and wired for single point connection to air receiver

*Pressure switches sold separately
** Programable parts will require Axecon downloaded program

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