FFU Cleanroom Technology

FANCommander 200
(ECE 03-0200-5E-MG)

NEW

The FAN Commander 200 is a stationary mini control center for monitoring and controlling Nicotra Gebhardt EC fans with Modbus RTU or GBUS. It not only boasts a new design but also offers fundamental improvements in terms of both hardware and software. The FAN Commander 200 replaces the previous mini control center.

The Advantages

- Control and monitor up to 200 filter fan units
- Simple and clear, bilingual menus (German/English)
- Full graphic display with lighting
- Suitable for mounting on a wall or installing in a control cabinet
  IP65 wall-mounted unit/IP20 cabinet installation unit with the same functionality

Hardware

- 24V=/100mA
- Modern operating concept with rotary pushbutton
- Realtime clock
- GBUS or Modbus - 2 separate lines (freely configurable)
- 3 digital inputs (1 x day/night switch, 2 x release controllers)
- 2 digital outputs (faults, unacknowledged faults)
- 2 analog inputs (2 sensor inputs for internal regulation and external setpoints)
- USB data interface

Software

- GBUS, Modbus RTU driver
- "Scan network" function for all systems
- Single control for controlling a unit
- Line control for controlling all units in a line
- Group control for controlling all units in a group
- Group formation for speed control of up to 10 freely definable groups
- Broadcast for controlling all connected units
- Control of 2 freely definable groups by means of an internal PI controller. Can be used for various control variables such as pressure, air velocity, volume flow, temperature, etc.
- Error output by means of a signal lamp and two separate, freely configurable (low/high active) control outputs for errors and "new unacknowledged" errors.
- Three operating levels (monitor / operator / administrator)
- Time control – programmable scheduler for setpoint switching of individual FFUs, lines and all units

NICOTRA | Gebhardt