



Systemair CXE/AVC Modbus

Більш детальна інформація в нашому онлайн-каталозі

Артикул: 37256
Виробник: Frisco
Код товару: CXE/AVC

від 48457 грн.

Опис

CXE/AV Control Modul

Speed control unit for up to 2 fans for the following functions:

- Temperature control
- volume flow control
- pressure control
- Air velocity control

Integrated voltage supply for sensors: +24 V, max. 70 mA

Integrated analog outputs A1 and A2: 0-10 V, I_{max} 10 mA (short-circuit-proof)

Maximum load of relays K1 and K2: AC 250 V / 2 A

Maximum ambient temperature: +55 °C

Interference emission according to EN 61000-6-3

Interference immunity according to EN 61000-6-2

Setting of the desired speed through device or by external default, e.g. 0-10 V

Connecting pressure sensors (refrigeration), measuring range 0-30 bar, 0-50 bar

Connecting temperature sensors, device measuring range -27...+75 °C, Sensor measuring range -10...+120 °C

Connecting differential pressure sensors (air conditioning), measuring range 0-6000 Pa, acquisition of volume flows up to 65,000 m³/h

Connecting air velocity sensors, measuring range 0-1 m/s, 0-10 m/s

Connecting additional sensors, e.g. combination sensors, CO₂, sensor signal 0-10 V / 0-20 mA / 4-20 mA

Several sensors can be combined with the CXE/AV universal control module. The actual value measured at the sensor is compared with the setpoint. This results in the 0-10 V output signal. Two 0-10 V outputs are integrated. These serve to activate EC fans, frequency inverters or other devices.

Optionally, connected field devices (frequency inverters/EC fans with plugged MODBUS add-on module) can be activated by the integrated MODBUS-RTU interface (MODBUS Master function). The device also contains two separate control circuits, a real time clock and timer functions.

The universal control modules are especially suitable for the following applications: Refrigeration, air conditioning, general ventilation tasks, clean room technology. For typical applications in the areas mentioned, fast start-up is possible by selecting pre-programmed operating modes.

Документація

- [EU Declaration of conformity_004 \(418.64 KB\)](#)
- [EU Declaration of conformity_004 \(418.64 KB\)](#)
- [EU Declaration of conformity_004 \(418.64 KB\)](#)
- [EU Declaration of conformity_004 \(418.64 KB\)](#)
- [I-BAL-E230-GB.PDF \(5.26 MB\)](#)
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- [Modbus Table CXE/AV \(5.55 MB\)](#)
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- [Modbus Table CXE/AV \(5.55 MB\)](#)
- [Modbus Table CXE/AV \(5.55 MB\)](#)
- [WIRING_CXE_AVC_MODBUS_161122_EN_001.PDF \(365.1 KB\)](#)
- [WIRING_CXE_AVC_MODBUS_161122_EN_001.PDF \(365.1 KB\)](#)
- [WIRING_CXE_AVC_MODBUS_161122_EN_001.PDF \(365.1 KB\)](#)
- [WIRING_CXE_AVC_MODBUS_161122_EN_001.PDF \(365.1 KB\)](#)

Характеристики

Електричне нагрівання	
Підвищення температури, повна потужність, максимальна витрата повітря, °C	1~
Контролер та датчики	
Температура, °C	0 до 85
Номінальні дані	
Робоча температура довкілля (сухі умови), °C	IP54
Тип підключення повітровою	-20 до 55
Номінальні параметри	
Споживаний струм, A	50; 60
Частота, Hz	230
Розміри та вага	
Витрата повітря, м ³ /год	0,9