

EasyIO Controller 32 points EasyIO-FS-32



The EasyIO-FS-32 is a high performance server class controller with a 1.2 Ghz quad core processor, 512 MB RAM and 8GB flash memory. Its software capabilities are very powerful with HTML5 graphics and multifunctional adapter widgets. The built-in VPN client and server makes your connectivity safe and unique for BMS controllers.

And of course, the EasyIO-FS-32 has and can do everything you expect from an EasyIO controller: it's freely and live programmable via CPT Tools, it supports protocols and services such as BACnet, Modbus, Sox, Haystack and TCOM and it has a built-in HLTM5 web server.

Specification:

Power Supply 24V AC +/- 5% or 24V DC +20%/-15%

Consumption 18VA

Current Rating 750mA at 24VAC/VDC

Operating temp 0 to 65 °C (32 to 150 °F)

Storage temp -20 to 65 °C (-4 to 150 °F)

Operating humidity 10% to 95% relative humidity

non-condensing

Dimensions 233 x 124 x 44 mm (9,2 x 4,9 x 1,7 inch)

Material UL Approved Plastic

Weight 800g

Inputs & Outputs:

Universal Input 16xUI

12-Bit ADC (with PGA)

5 modes:

Digital mode:

voltage free contact input.

Resistance mode:

input range 500 - 500 KOhm.

Voltage mode: input range 0-10V

Current mode: input range 0-20mA.

Pulse count mode:

maximum pulse frequency: 20Hz

Digital output 8xDO (with LED's for status)

Relay output with

contact rating 1A 30VDC

Universal Output 8xUO

3 modes:

Voltage mode: output range 0-10V. **Current mode**: output range 0-20mA.

Digital mode:

maximum sinking current 200mA.

Communication:

Physical Interface 1 & 2 EIA-485 (BUS A,B) Two-wire,

(Port 1 & 2) Half Duplex

Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K,

115.2K bit/s), Data Bit: (8 bits),

Parity: (None, Even, Odd)

BACnet Baud Rate Speed: (9.6K, 19.2k, 38.4K,78.6K),

Data Bit: (8 bits), Parity: (None)

Ethernet Support IP, TCP, UDP, ICMP, HTTP, FTP

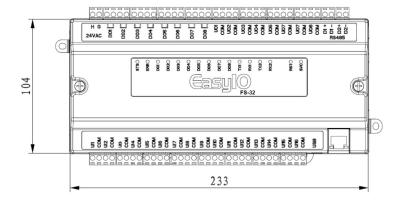
Application Support Sox, TCOM, Modbus, BACnet, Haystack



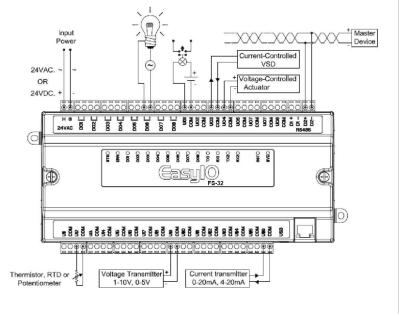
EasyIO Controller 32 points EasyIO-FS-32



Dimensions



Wiring Diagram



Features:

- Power! 2 processors, main processor increased to 1.2 Ghz
 Quad Core
- Memory/Storage 8GB EMMC on board and massive history storage
- · Supports BACnet, TCom, Modbus, Haystack and web services
- Built-in VPN client and server
- Programmable gain amplifiers for all UI channels for higher precision at lower range.
- Nginx Web Server Engine with latest features

Characteristics:

- 1.2 Ghz Quad Core ARM A7 main processor
- 48 Mhz ARM Cortex-M0 processor for the I/O
- 512MB Gbyte RAM
- 8GB NAND Flash
- 1 x 10/100 Ethernet Port
- 1 x Mini USB
- 2 x RS485
- Real Time Clock
- SuperCap Apps Safety Backup
- 24V AC/DC Power
- 16 x UI
- 8 x DO/LED for Status
- 8 x UO (200mA sink for Switching Relays)
- Remote Flash Upgrades













