

EasyIO FD20i

20-POINT IO EXPANSION MODULE

The FD-20i provides input point expansion capacity for all FS, FG+ and FW series controllers. The FD20i has 20 input points, supports BACnet MSTP or Modbus RTU as a selectable function and is equipped with a RS485 port. The inputs include 10 Digital Inputs (DI) and 10 Universal Inputs (UI) supporting resistance based (10K or 20K) or digital dry contact.



SPECIFICATIONS

Power Supply	24V AC +/- 5% or 24V DC +20% / - 15%
Consumption	< 11VA
Current Rating	< 500mA at 24VAC/VDC
Storage Temp	-20 to 85 oC (-4 to 185 oF)
Operating Temp	0 to 65 oC (32 to 150 oF)
Operating Humidity	10% to 90% Relative Humidity non-condensing
Dimension	192 x 104 x 44 (mm), 7.5 x 4.1 x 1.7 (inches)
Material	Plastic conforms with UL
Weight	410g / 14.4 oz
Main Processor	48 Mhz ARM Cortex A0
Flash Memory	256KB
RAM	32KB
RS 485 Ports	1 x RS485
Protocols Supported	BACnet MSTP Server, Modbus RTU Master
Modbus Baud Rate	Speed : (9.6K, 19.2k, 38.4K, 57.6K), Data Bits : 8 , Parity : Odd, Even, None
BACnet Baud Rate	Speed : 9.6K, 19.2k, 38.4K, 76.8K
Universal Inputs	10 x UI , 12-bit ADC with PGA. Resistance Mode : 400 - 300K Ohms (+/- 10 Ohms). Thermistor sensor supported : NTC 10k Type 2/3 and NTC 20k (+/- 0.1 °C)
Digital Inputs	10 x DI, Voltage free contact
SKU	EasyIO-FD-20i
Warranty	Yes, ask your local EasyIO representative
Certifications	CE, BTL, UL, FCC, RoHS
Engineer Tool	CPT
Product and Engineering License	Included
Annual Maintenance	Included
Contact	www.easyio.com