

Specifications

Control Power

Supply Voltage: 24 Vac +/- 15%, 50/60 Hz
 Power Consumption: 27 VA (plus loads)
 Protection: PS1, Polyswitch, MOV
 Connection: 2-part screw terminal
 Indication: Red LED

Binary Outputs 8

Type: Form "A" Relay SPST N.O. Dry Contacts
 Voltage Rating: Class 2, 24 Vac or 24 Vdc
 Current Rating: 1 A General Use
 Connection: 2-part screw terminal
 Indication: Red LED, Binary Outputs

Analog Outputs 4

Type: Analog 0-10Vdc, 20 mA
 Resolution: 1% full scale
 Protection: TVS, 10 V, 600W peak
 Connection: 2-part screw terminal

Inputs 7

Type: Universal Analog/Binary
 Range: 0 to 5 Vdc, 12-bit, 0.1% full scale
 Connection: 2-part screw terminal
 Airflow Sensors: 2

RS-485 Communications (2)

Format: RS-485, optional 120 ohm Termination
 Baud Rate: Up to 57,600 bps
 Protection: 500 mW-s TVS with 100 mA Polyswitch
 Maximum Length: 4000 ft (1.2 km) RS-485
 Connection: 3 Position, screw terminals
 Indication: Red LED Receive, Green LED Transmit

System Bus Communication

Address Range: 1 to 65535
 Maximum Size: Up to 255 devices with repeaters
 Alternate Protocol: BACnet MS/TP up to 76,800 bps

Local Bus Communication

ASI Address Range: 1 to 65535 except for group and global addresses
 Maximum Size: Up to 64 devices with repeaters
 Alternate Protocol: Modbus Master RTU

WS-061 Wall Sensor Support

Connection: Via RJ45 jack & inputs 1-3
 Software: SYS object supports WS display

Ethernet Networking

Communication: UDP/IP or TCP/IP; auto-sense
 10 Mbit/s or 100 Mbit/s
 Requires 100 MHz Ferrite Core on Ethernet cable.
 Optional Wireless: XBee Module Ready

Other

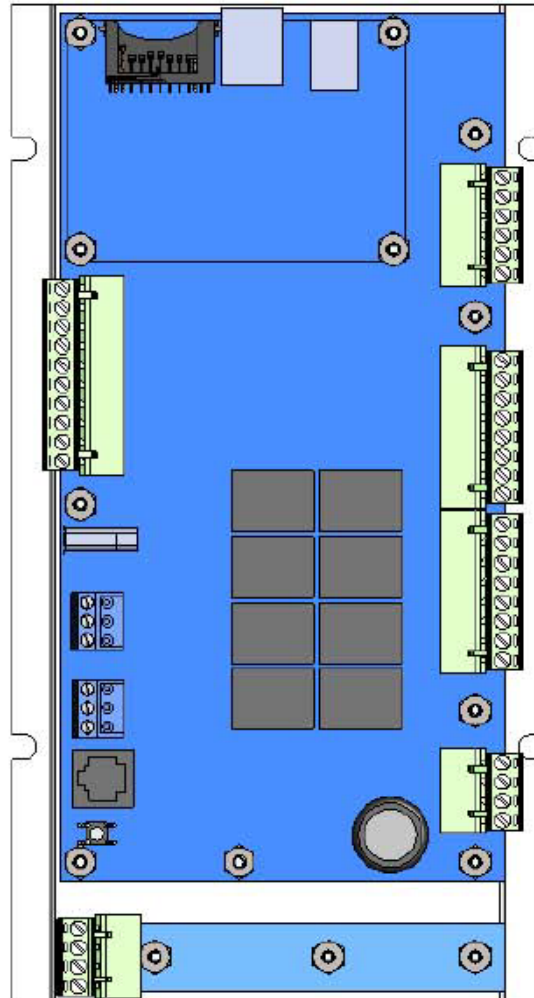
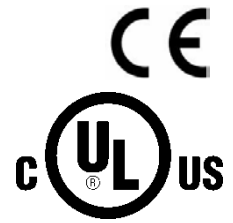
Indication: LEDs, 1 Power, 2 Rx/Tx, 8 Output
 Dimensions: 5.5" x 10.36" x 2.0"
 (140mm x 263 mm x 51 mm)
 Weight: 1.8 lbm (0.8 kg)

Environmental

Operating: 45 °C max (+113 °F)
 10 to 95% RH non-condensing
 Storage: -37 to 80 °C (-35 to +180 °F)
 5 to 95% RH non-condensing

UL Listing

UL-916 Open Energy Management Equipment
 C22.2 No. 205-M1983 Canada Signal Equipment
 File E123287 (PAZX, PAZX7) Class 2 Device
 Meets CE Requirements, per EN61326-1
 FCC Part B Class A (CISPR11)



How to Order:	Order Number
Programmable Unitary Controller	ASIC/3-9520
Programmable Unitary Controller-Dual Duct	ASIC/3-9520-DD

Software & Documentation:	Order Number
ASI Expert Configuration Software	ASI Expert
ASIC/3-9520 Users' Guide	9520 User