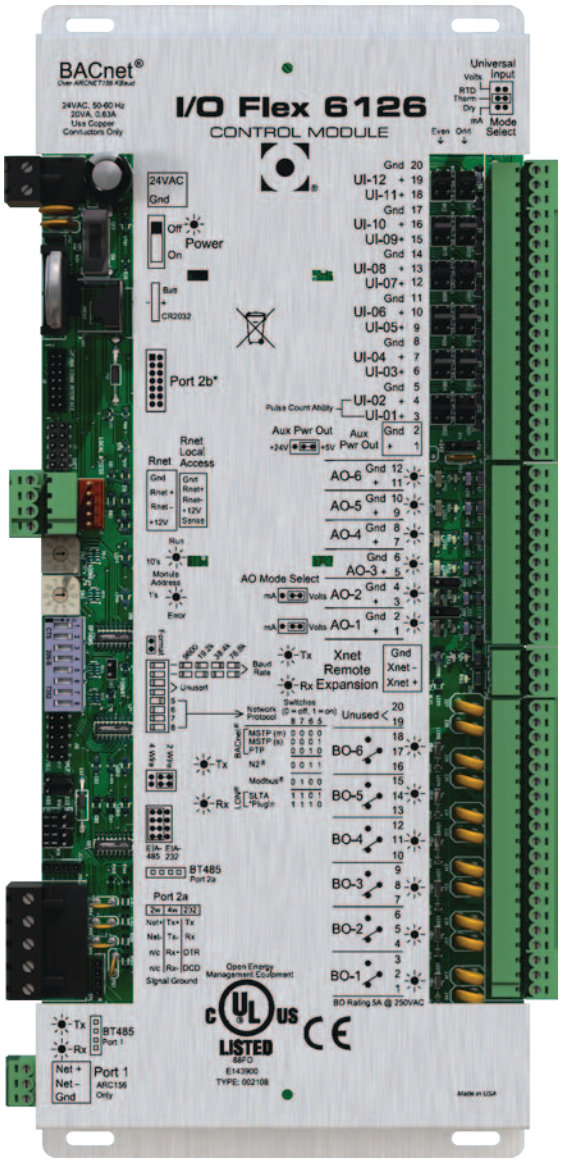
Stand-Alone Controller

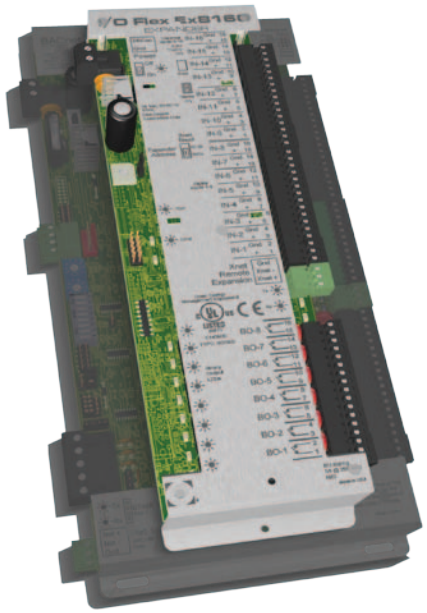
The I/O Flex 6126 is a general-use controller that can be easily customized to meet any sequence of operation needs. Fully capable of operating in a 100% stand-alone control mode, the I/O Flex 6126 can connect to a Building Automation System (BAS) using any of today's four leading protocols: BACnet (ARC156, MS/TP, and PTP), Modbus RTU, N2, and LonWorks. The point mapping to all of these protocols can be pre-set, so that the protocol and baud rates desired can be easily field-selected without the need for any additional downloads or technician assistance. The I/O Flex 6126 provides ample input/output capacity on the base controller, plus support for an expander board if additional I/O capacity is needed.



Key Features and Benefits

- I/O point count: up to 48 I/O points using the I/O Flex Ex8160
- Built-in protocol support: BACnet (ARC156, MS/TP, and PTP modes), Modbus RTU, N2, and LonWorks
- Remote access support over a modem
- Custom-programmable using our powerful Eikon graphic programming tool. Eikon allows you to create graphic control sequences for your application, which can be fully simulated off-line (with Eikon's simulation tool) and graphically viewable live on your equipment - the ultimate diagnostic tool.
- Powerful, high-speed 16-bit microprocessor with 1MB Flash memory and 1MB of battery-backed RAM. Firmware upgrades can be downloaded locally or remotely - no chip replacements necessary.
- Built-in support through an Rnet port for OEMCtrl's custom configurable keypad/display unit, BAC*view*6 (4-line by 40 character per line display); for intelligent sensors and for local laptop access.

Point Expander - I/O Flex Ex8160



Designed to expand the the input/output capability of the I/O Flex 6126, the I/O Flex Ex8160 provides I/O Flex 6126 users with an additional 8 digital outputs and 16 inputs

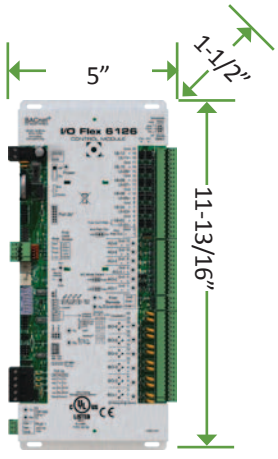
- Provides the I/O Flex 6126 with an I/O point count of up to 48 I/O points
- Removable screw terminals for I/O connections. Allows for easy field replacement of hardware without any rewiring
- Versatile mounting options: may be mounted directly onto the I/O Flex 6126 enclosure or separately within the mounting enclosure
- LED indicators of power, output, running, and error status, providing a quick overview of module status

I/O Flex 6126

OEMCtrl®

Specifications

Power	24 Vac ± 10%, 50-60 Hz, 20 VA power consumption (26 VA with Bacview attached), 26 Vdc (25 V min, 30 V max), Single Class 2 source only, 100 VA or less
Physical	Rugged aluminum housing, removable screw terminals with custom silk screening available.
Operating Range	-20° to 140°F (-29° to 60°C); 10 to 95% relative humidity, non-condensing
Binary Outputs	6 binary outputs, relay contacts rated at 5 A resistive @ 250 Vac; configured as dry contact, normally open or normally closed.
Universal Inputs	12 inputs, configurable for 0-10 V, RTD Therm Dry, or 0-20 mA. Inputs 1 and 2 may be used for pulse counting.
Analog Outputs	6 analog outputs; AO's 1 and 2 are configurable for 0-10 V or 0-20 mA; AO's 3 through 6 are 0-10 V only
Communication Ports BACnet Modbus N2	Port 1: Connect to ARC156 kbps. Port 2a: Configurable for EIA-232 or EIA-485 (2-wire or 4-wire). Network protocol selectable for BACnet (MS/TP or PTP), Modbus, N2, LonWorks SLTA, or modem. Rnet port: Interface with a BAC*view*[5], BAC*view*[6] , RS sensors, or local laptop. Xnet Remote Expansion port: Connect to an I/O FlexEx8160 point expander via the Xnet network.
Optional Card Port LonWorks	LonWorks Option Card for connection to Free Topology LON networks (TP/FT-10 Channell)
Status Indication	Visual (LED) status of power, running, and errors. LED indicators for transmit/receive for Port 1 and Port 2a and for each of the 12 outputs
Battery	Lithium 3 V coin cell battery, CR2032, provides a minimum of 10,000 hours of data retention during power outages
Protection	Surge and transient protection circuitry for power and communications
Listed by	UL 916 (PAZX), cUL 916 (PAZX7), FCC Part 15-Subpart B-Class A. CE EN50082-1997



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