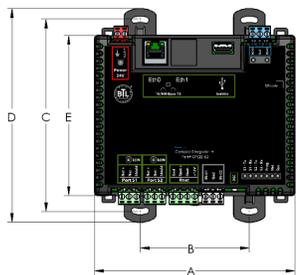


SPECIFICATIONS



Part #	OF022-E2 OptiFlex™ Advanced Application Controller
BACnet Conformance	BTL Tested and conforms to the BACnet Building Controller (B-BC) and BACnet Broadcast Management Device (B-BBMD) standard device profiles, as defined in BACnet 135-2016 Annex L, Protocol Revision 15
Power	24 Vac +/- 10%, 50 - 60Hz, 50VA 24 Vdc +/- 10%, 18W
Communication	
BAS Port Eth01 / Eth1	Dual, 10/100 Base T, full duplex, Ethernet ports with built-in fail safe
Rnet Port	12 VDC @ 260 mA supporting: -Up to 5 ZS sensors - freely mix ZS zone, ZS duct, ZS immersion and ZS outdoor sensors -OptiPoint™ IAQ touchscreens and OptiPoint equipment interfaces
Service Port	USB 2.0 host port for setting up the controller and troubleshooting through a local connection to a computer, connecting to the OptiPoint interface, or a wireless service adapter
Inputs	
Universal	2 inputs electronically configurable to any of the following types for 0-5 Vdc, 0-10 Vdc: Dry Pulse Counting Thermistor
Resolution	12 bit A/D
Pulse Frequency	10 pulses per second. Minimum pulse width (on or off time) required for each pulse is 50 msec.
Outputs	
Analog Output	2 outputs 0-10 Vdc (10 mA max) PWM @80Hz
Resolution	12 bit D/A
Microprocessor	32-bit ARM Cortex-A8, 600MHz, processor with multi-level cache memory
Memory	16GBs eMMC Flash memory and 512 MB DDR3 DRAM (2 MB available)
Status Indicators	LED's indicate status of communications, running, errors, power, and outputs
Environmental Range	-40°F to 158°F (-40 to 70°C), 10–95% relative humidity, non-condensing. The controller can be installed both inside and outside the building envelope. It should be placed in a UL listed enclosure. If installed outside, the enclosure must be suitable for the environmental conditions.
Mounting	35mm DIN rail mounting or screw mounting
Real Time Clock	Real-time clock keeps track of time in the event of a power failure for at least 3 days
Protection	Device is protected by a replaceable, fast acting, 250 Vac, 3A, 5mm x 20mm glass fuse
Compliance	United States of America: FCC compliant to Title CFR47, Chapter 1, Subchapter A, Part 15, Subpart B, Class A; UL Listed to UL 916, PAZX7, Energy Management Equipment; Europe: RoHS Compliant: 2015/863/EU; AS/NZS: RCM Mark, IEC 61000-6-3; Canada: Industry Canada Compliant, ICES-003, Class A; cUL Listed UL 916, PAZX, Energy Management Equipment; REACH
Plastic Rating	Fire-retardant plastic ABS, UL94-5VA

● **Figure 1: Physical Dimensions**



Overall	in.	cm
A:	5.51	14.00
D:	5.88	14.93
E:	4.41	11.20
Depth:	2.01	5.11
Mounting		
B:	3.00	7.62
C:	5.29	13.44
Weight:	.75 lbs	0.3402 kg

Assembled in the United States