

Ready for the open  
systems challenge

(BAC-7302/7302C)



## Native BACnet Advanced Application Controller—RTU

A 4-input, 4-output controller for  
roof top unit applications



# BAC-7302/7302C AAC Native BACnet Controller

Specifically designed for roof top units, the BAC-7302 and BAC-7302C are MS/TP compliant, native BACnet advanced application controllers (AAC).

They are supplied with programming sequences appropriate to the RTU designation. Yet, the controllers are also fully programmable.

These native BACnet controllers are distinguished by 4 universal inputs and a universal output, each of which can be programmed as an analog or binary object. Additional triac outputs enhance controller flexibility.

The built-in programming includes

- Fan
- 2-stage heating
- 2-stage cooling
- Economizer

The BAC-7302 and BAC-7302C controllers were designed for ease-of-installation, simple configuration, and robust operation. KMC also offers intuitive BACnet software and other versatile advanced application controllers.



## SPECIFICATIONS

### Inputs

4 universal, programmable inputs  
Pull-up resistors for switch contacts and other unpowered equipment  
Removable screw terminal block  
0-5 VDC analog input range  
10-bit analog-to-digital conversion  
Overvoltage input protection  
Pulse counting to 16 Hz

### Outputs

1 universal, programmable output  
2 dual-stage triac  
1 optically isolated triac  
Removable screw terminal block

### Programmable Features

10 Control Basic program areas  
4 PID loop objects  
40 analog and 40 binary value objects  
8 Schedule objects  
3 Calendar objects  
8 Trend objects  
Real-time clock with power backup for up to 72 hours (BAC-7302C only)  
(See PIC statement for supported objects)

### Communications

MS/TP (EIA-485) operating at 9.6, 19.2, 38.4, or 76.8 kbps  
NetSensor® compatible

building your comfort zone™