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

KMC CONTROLS

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™

KMC CONTROLS