DESCRIPTION

The **BASRT-B** provides stand-alone routing between BACnet networks such as BACnet/IP, BACnet Ethernet, and BACnet MSTP. This allows the system integrator to mix BACnet network technologies within a single BACnet internetwork. There are two physical communication ports on the BAS Router. One is a 10/100 Mbps Ethernet port and the other an isolated MS/TP port. Configuration is accomplished via a web page.

FEATURES

• **Versatile routing**
• **Flexible communications**
• **IP network support**
• **Easy installation**

NEW!

CONTEMPORARY CONTROLS®

RoHS

CE

BASRT-B

SPECIFICATIONS

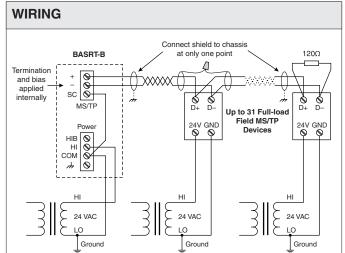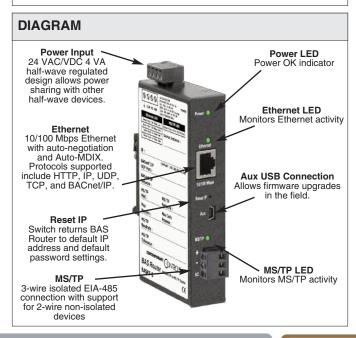|	
Power	24 VAC/VDC, 4 VA
Operating environment	
Temperature	32° to 140°F (0° to 60°C)
Relative humidity	10 to 90% non-condensing
Communications	
Ethernet	IEEE 802.3 10/100 Mbps data rate 10BASE-T, 100BASE-TX (100 m (max) CAT5 cable length)
MS/TP	ANSI/ASHRAE 135 (ISO 16484-5) 9600, 19200, 38400, 76800 bps data rate EIA-485 (1200 m (max) cable length)
LEDs	
Power	Green = power OK
Ethernet	Green = 100 Mbps Yellow = 10 Mbps Flash = activity
MS/TP	Flashing green = receive activity
Approvals	CE Mark; CFR 47, Part 15 Class A; RoHS
Dimensions	4.85"H x 2.74"W x 1.0"D (12.3 x 1.9 x 2.5 cm)
Weight	0.6 lb
Warranty	2 years

ORDERING INFORMATION

MODEL	DESCRIPTION
BASRT-B	BACnet multi-network router

WIRING

DIAGRAM

Power Input
24 VAC/VDC 4 VA half-wave regulated design allows power sharing with other half-wave devices.

Ethernet
10/100 Mbps Ethernet with auto-negotiation and Auto-MDIX. Protocols supported include HTTP, IP, UDP, TCP, and BACnet/IP.

Reset IP
Switch returns BAS Router to default IP address and default password settings.

MS/TP
3-wire isolated EIA-485 connection with support for 2-wire non-isolated devices

Power LED
Power OK indicator

Ethernet LED
Monitors Ethernet activity

Aux USB Connection
Allows firmware upgrades in the field.

MS/TP LED
Monitors MS/TP activity