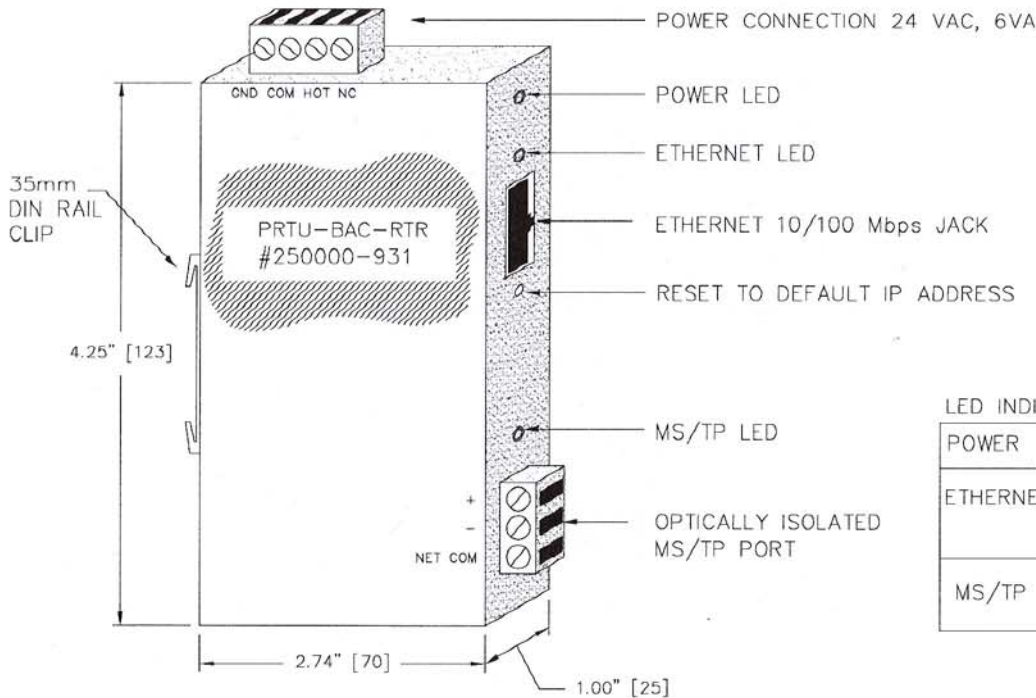# price®

Price BACnet Router

FEATURES:

- CONNECTS BACnet IP/ETHERNET TO BACnet MS/TP SEGMENTS
- DISPLAYS STATUS OF POWER AND ETHERNET VIA DIAGNOSTIC LED
- CAN BE CONFIGURED IN THE FIELD VIA WEB BROWSER

POWER CONNECTION 24 VAC, 6VA

GND COM HOT NC

POWER LED

ETHERNET LED

35mm DIN RAIL CLIP

PRTU-BAC-RTR #250000-931

ETHERNET 10/100 Mbps JACK

RESET TO DEFAULT IP ADDRESS

4.25" [123]

MS/TP LED

OPTICALLY ISOLATED MS/TP PORT

NET COM

2.74" [70]

1.00" [25]

LED INDICATION

POWER	GREEN = POWER OK
ETHERNET	GREEN = 100 Mbps COMMUNICATION ESTABLISHED YELLOW = 10 Mbps COMMUNICATION ESTABLISHED FLASH = ACTIVITY
MS/TP	FLASHING GREEN = MS/TP ACTIVITY

SPECIFICATIONS:

- 24 VAC POWER +/- 10%, 6VA
- [1] ETHERNET PORT 10/100 Mbps (DEFAULT IP ADDRESS 192.168.97.60)
- PIN SWITCH FOR RESETTING TO DEFAULT IP ADDRESS
- [1] OPTICALLY ISOLATED MS/TP PORT
- STANDARD TS-35 DIN RAIL MOUNT
- WEB PAGE CONFIGURATION OF ROUTER SETTINGS
- ETHERNET COMMUNICATIONS:
  IEEE 802.3 10/100 Mbps DATA RATE, 10 BASE-T, 100 BASE-TX PHYSICAL LAYER
- MS/TP COMMUNICATIONS:
  ANSI/ASHRAE 135 (ISO 16848-5), 9600, 19200, 38400, 76800 bps DATA RATE, EIA-485 PHYSICAL LAYER

RECOMMENDATIONS:

- PRICE RECOMMENDS NO MORE THAN 30 DEVICES PER MS/TP SEGMENT
- OBSERVE 24 VAC HOT AND COMMON POLARITY ON ALL NETWORKED DEVICES
- GROUND 24 VAC COMMON TO EARTH GROUND
- DO NOT APPLY 24 VAC HOT or COMMON TO NETWORK + or NETWORK - AT ANY TIME. DAMAGE WILL OCCUR!
- MAXIMUM RECOMMENDED LENGTH OF MS/TP SEGMENT 1050 FT (365M)
- MAXIMUM RECOMMENDED LENGTH OF ETHERNET (10/100 Mbps CABLE 330 FT (100m))
- ENSURE EACH DEVICE HAS A UNIQUE MAC ADDRESS PER MS/TP SEGMENT
- ENSURE EACH DEVICE HAS UNIQUE BACnet INSTANCE PER BUILDING/SITE

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price®
ENGINEER:		BACnet Router
CUSTOMER:	265510	PRTU-BAC-RTR
SUBMITTAL DATE:	SPEC. SYMBOL:	2015/03/09	250000-931

SHEET 1 OF 1   REV 0