ETHERNET ROUTER, BACNET/IP　　　　　　　　　　　　　　　**PART # ER-B-10/100-120**

BACnet
ER

SYMBOLS AS SHOWN ON SUBMITTAL AND CONSTRUCTION DOCUMENTS

VIEW OF IP ROUTER CONNECTIONS
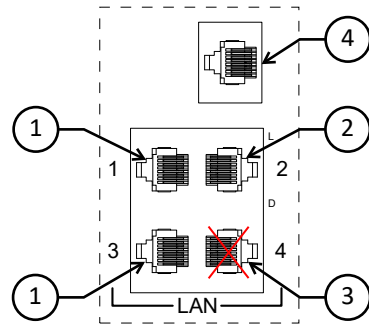
INSIDE VIEW (COVER REMOVED)


LINE VOLTAGE THIS CORNER ONLY
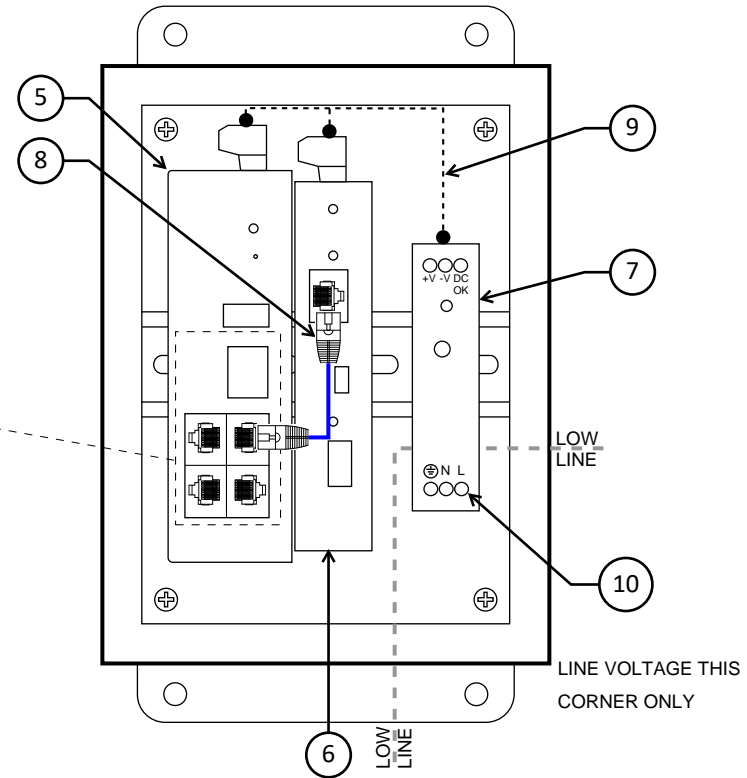
TIPS / NOTES

1. **TO TOUCHÉ éNET - MINIMUM CAT5 CABLE CONNECTION - <u>DO NOT CONNECT TO BRANCH WIRING</u>**

2. **TO BACNET ROUTER - FACTORY INSTALLED CAT5 PATCH CABLE**

3. **LEAVE OPEN**

4. **TO PREMISE IT NETWORK**

5. **IP ROUTER**

6. **BACNET ROUTER**

7. **POWER SUPPLY**

8. **FACTORY INSTALLED CAT5 PATCH CABLE**

9. **FACTORY INSTALLED LOW VOLTAGE WIRING**

10. **CONNECTION FOR <u>120VAC</u> ONLY**

ETHERNET ROUTER, BACNET/IP CONNECTIVITY DIAGRAM

PART # ER-B-10/100-120

éNET

éNET

ETHERNET

STC/STC-PC
TOUCHE CONTROLS
SIMPLY BRILLIANT

DIGITAL INPUT A | DIGITAL INPUT B
SMART BUS A | SMART BUS B
BRANCH PORT A | BRANCH PORT B
DIGITAL OUTPUT A | DIGITAL OUTPUT B
DIMMER A | DIMMER B

GPS ANTENNA

* ETHERNET SWITCH SHOWN FOR REFERENCE ONLY

REFER TO FLOOR PLANS FOR REQUIREMENT AND LOCATIONS

BACnet ER

SYMBOLS AS SHOWN ON SUBMITTAL AND CONSTRUCTION DOCUMENTS

éNET

ETHERNET

DIGITAL INPUT A | DIGITAL INPUT B
SMART BUS A | SMART BUS B
BRANCH PORT A | BRANCH PORT B
DIGITAL OUTPUT A | DIGITAL OUTPUT B
DIMMER A | DIMMER B

éNET

NETWORK REGION 2

TO PREMISES IT NETWORK

+V -V DC
OK

ER-B-10/100-120 IN ENCLOSURE

éNET

ETHERNET

DIGITAL INPUT A | DIGITAL INPUT B
SMART BUS A | SMART BUS B
BRANCH PORT A | BRANCH PORT B
DIGITAL OUTPUT A | DIGITAL OUTPUT B
DIMMER A | DIMMER B

NETWORK PRESET 1
NETWORK PRESET 2
NETWORK PRESET 3
NETWORK PRESET OFF

* WS-TS-C/WS-C-MINIs can be programmed as Network Stations

N L

LOW LINE

LOW LINE

NETWORK REGION 1

CABLE TYPES			
LINE ID	DESCRIPTION	TYPE	NOTES
	ETHERNET	CAT 5 (MIN)	MAXIMUM SEGMENT LENGTH IS 100 METERS (300')
	BRANCH	CAT 5 (MIN)	TOTAL BRANCH LENGTH NOT TO EXCEED 1000'
	NETWORK	CAT 5 (MIN)	CONNECTION TO PREMISIS NETWORK