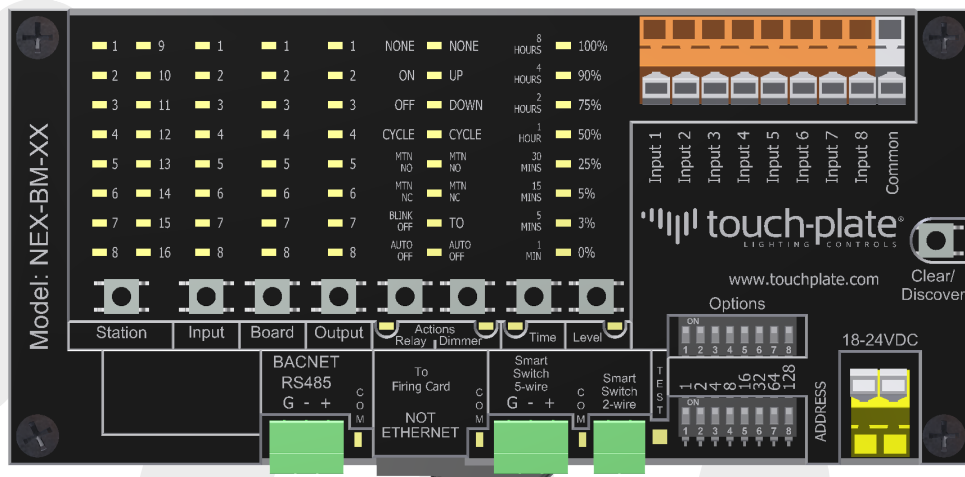


## Nexus Master with BACnet Protocol



### Product Features

- Direct BACnet connection via MSTP
- Built-in soft-patching for lighting control
- Stand alone lighting controller
- All objects are exposed via BACnet

### Touch-Plate Series Compatibility

- 2-Wire Smart Stations
- 5-Wire Smart Stations
- Calypso Legacy Relay Panel Series
- Calypso NextGen Relay Panel Series
- Calypso Prime Relay Panel Series
- Solare Select Dimmer Panel Series
- Solare Elite Dimmer Panel Series
- Soluxe Optima Relay Panel Series
- Soluxe Sleek Relay Panel Series
- Soluxe Universal Relay Panel Series

### Common Applications

- Commercial applications that have a BAS system that communicates via BACnet/MSTP

### Specifications

- Voltage is 18-24VDC

### How to Order

- Contact the factory for assistance on how to order



## Nexus BACnet PIC Statement

Vendor Name: Touch-Plate<sup>®</sup> Lighting Controls  
 Product Name: Nexus System Controller  
 Product Model Number: NEX-MB  
 Applications Software Version: 1.5d  
 Firmware Revision: 2.48  
 BACnet Protocol Revision: 7 (135-2008)

## Nexus BACnet Table of Objects

OBJECT EXPLANATION					
Table No.	Object	Object Type	Value	Object ID	Used For
BI1	Momentary Switch Inputs	Binary Input	0 = Off, 1 = On	BI1 - BI128	To report button presses of Control Stations
BI2	Maintain Switch Inputs	Binary Input	0 = Off, 1 = On	BI1001 - BI1128	To report button holds of Control Stations
BO1	Relays	Binary Output	0 = Off, 1 = On	BO1 - BO64	Relay control and status
AO1	Dimmers	Analog Output	0-100 %	AO1 – AO64	To control dimmers remotely
AV1	Control Station LED Modes	Analog Value	See chart in appendix for values.	AV1 -AV128	To control Control Stations flash, color, and intensity of LED lights
AV2	Device Options	Analog Value	1 = infinite COV On 0 = infinite COV Off	AV1000	To resubscribe to COVs with no expiration of the subscription write a 0 value for Lifetime when subscribing
AV3	Input Change Buffer	Analog Value	1-128 and 1001-1128	AV1001	To read button presses and releases remotely
AV4	Relay Override Status	Analog Value	0 = no manual override 1-64	AV1002	To remotely monitor relay manual overrides
AV5	Device Instance	Analog Value	0 - 4194303 Default: 68002-68100	AV1003	To read or change the Device ID or Device Instance
AV6	Input Emulation	Analog Value	1-128 = button press 1001-1128 = release of button 2001-2128 = quick press	AV1004	To simulate button presses, releases, and quick presses of control stations
AV7	Scene Trigger	Analog Value	1-128 = button press 1001-1128 = button release 2001-2128 = quick press	AV1005	Remotely triggers a scene with button presses, releases, and quick presses
AV8	Sensor Parameters	Analog Value	See AV12 for details	AV1##1-AV1##10	Reading and writing sensor parameters and levels
DO1	Device Object	Device Object	0 - 4194303	DEV68002-DEV68100	Describing properties of the device to the BACnet network

