PIC Statement

Vendor Name:	Touch-Plate® Lighting Controls
Product Name:	Mystique BACnet Smart Control Station
Product Model Number:	MYS-B
Applications Software Version:	1.6c
Firmware Revision:	2.49
BACnet Protocol Revision:	7 (135-2008)

Product Description:

This unit is a wall station with up to 8 buttons that are mapped to binary input objects. Each button can be read as a momentary and maintain input. Each button has a 3 color pilot LED that can be controlled via an optional binary output object (ON/OFF control) and an analog value object (Color/Pattern control). Each pilot can support 7 colors, 4 intensity levels, and 8 flash patterns. MS/TP MAC address, baud rate, termination, and biasing may be set using DIP switches. The inputs support subscribed Change of Value (COV) operation.

BACnet Standardized Device Profile (Annex L): BACnet Application Specific Controller (B-ASC)

BACnet Interoperability Building Blocks Supported (Annex K):

DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM-B, DS-COV-B, DM-DDB-B, DM-DOB-B, DM-DCC-B, DM-RD-B

Segmentation Capability: Not supported

Standard Object Types Supported:

STANDARD OBJECT TYPES SUPPORTED				
Object	Create	Delete	Optional Properties	Custom Properties
Binary Input	N	N	DEVICE_TYPE, RELIABILITY, INACTIVE_TEXT, ACTIVE_TEXT	---
Analog Value	N	N	---	---

DataLink Layer Options: MS/TP master, baud rate(s): 9600, 19200, 38400, 76800

Device Address Binding: Is static device binding supported? No

Networking Options: No routing or BBMD functions are supported.

Character Sets Supported: ANSI X3.4

touch-plate®
LIGHTING CONTROLS

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 - BI8	To report button presses of Control Stations
BI2	Maintain Switch Inputs	Binary Input	0 = Off, 1 = On	BI101 - BI108	To report button holds of Control Stations
BO1	LED Controls	Binary Output	0 = Off, 1 = On	BO1-BO8	Pilot Control when not in Consensio Mode
AV1	Control Station LED Modes	Analog Value	See chart in appendix for values.	AV1 -AV8	To control Control Stations flash, color, and intensity of LED lights
AV2	Device Options	Analog Value	1 = infinite COV On 0 = infinite COV Off	AV100	To resubscribe to COVs with no expiration of the subscription write a 0 value for Lifetime when subscribing
AV3	Input Change Buffer	Analog Value	1-8 and 1001-1008	AV1001	To read button presses and releases remotely
AV4	Baud Rate	Analog Value	9600, 19200, 38400, 76800	AV1002	To read or change the Baud Rate
AV5	Device Instance	Analog Value	1 to 4194303 Default: 68501-68999	AV1003	To read or change the Device ID or Device Instance
AV6	MSTP Address	Analog Value	1 to 127	AV1004	To read or change the MSTP address
DO1	Device Object	Device Object	0 to 4194303	DEV68501-DEV68999	Describing properties of the device to the BACnet network