touch-plate®
L I G H T I N G   C O N T R O L S

PIC Statement

Vendor Name:	Touch-Plate® Lighting Controls
Product Name:	Supra Universal Firing Card
Product Model Number:	SPR-UB
Applications Software Version:	1.5c
Firmware Revision:	2.48
BACnet Protocol Revision:	7 (135-2008)

Product Description:

This unit is a general purpose firing card that is capable of firing up to 8 outputs. The outputs are relays.

The 8 outputs are represented as binary output objects.

The relays support subscribed Change Of Value (COV) operation. Relays can be overridden at the panel for maintenance and service purpose, which also could generate a COV as well. MS/TP MAC address, baud rate, I/O configuration may be set using DIP switches.

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 Output	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

Table of Objects

			OBJECT EXPLANATION		
Table No.	Object	Object Type	Value	Object ID	Used For
BO1	Relays	Binary Output	0 = Off, 1 = On	BO1 - BO8	Relay control and status
AV1	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
AV2	Device Instance	Analog Value	0 - 4194303 Default: 68101-68300	AV1003	To read or change the Device ID or Device Instance
DO1	Device Object	Device Object	0 - 4194303	DEV68101- DEV68300	Describing properties of the device to the BACnet network