

Model 8806 Intelligent Control Point

Features

- Intelligent device for use with MPC-Plus control panels
- Provides 24 VDC appliance circuits
- Used with Faraday's notification appliances
- Internally power limited using self restoring solid state thermal devices
- Supervised DC input
- Mounts on standard electrical box (double gang or 4" square)
- No mechanical address programming required
- UL listed, NYMEA and CSFM pending

Description

The **8806** provides a control point for the MPC-Plus Control Panels. The 8806 can be programmed as an independent, remotely located notification appliance circuit. The 8806 is designed to be used with the Faraday notification appliance product line.

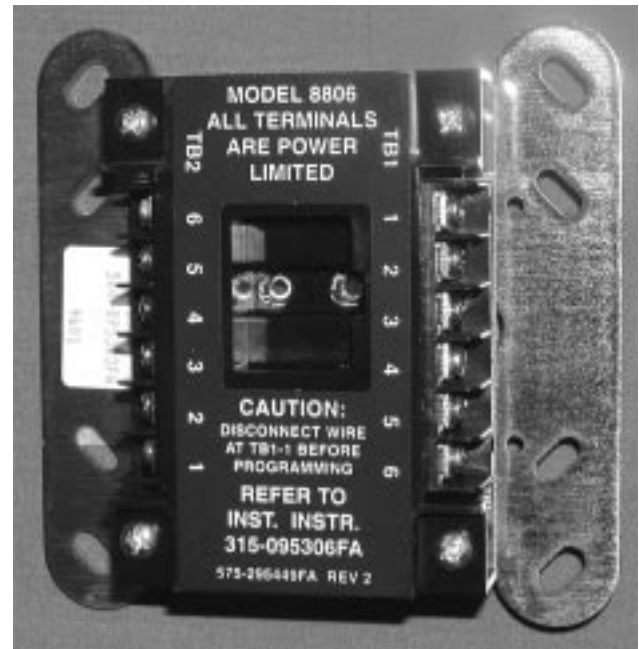
The 8806 can be programmed using the MPC programming software and controlled by the systems' output logic. It can be addressed and tested using the 8820 programmer/tester, eliminating the need for any mechanical addressing. The output of the 8806 is inherently power limited using solid state, self-restoring thermal devices.

The 8806 communicates through the analog loop and can be wired either Class A (Style Z) or Class B (Style Y). The 24 VDC power input comes from any UL listed power limited, auxiliary power supply.

This 24VDC input to the 8806 is supervised by the 8806 itself so that power wiring may include branch circuits.

The 8806 mounts in a standard double gang or 4" square electrical box.

This equipment is approved for operation over the temperature range of 0°C to 50°C and relative humidity range of 93% RH +/- 2% RH at 40°C +/- 2°C.



8806 Intelligent Control Point

Engineer & Architect Specifications

Field mounted signal and strobe circuits for the MPC-Plus series shall be provided by the 8806 module. The 8806 shall provide the ability to be independently activated by MPC-Plus system custom logic programming.

Up to (12) 8806s can be connected to each analog loop of the MPC-Plus. Each 8806 shall occupy one address of the analog loop. The 8806 shall support both Class A and Class B wiring.

The 8806 shall require a 24 VDC power input from any UL listed power limited, auxiliary power supply. The 24 VDC power input shall be supervised by the 8806 itself.

The 8806 shall be mounted in either a 4" square electrical box or a standard 3-1/2" deep double gang electrical switchbox.

The 8806 shall be immune to RFI/EMI.

Electrical Ratings

When 8806 is used as a strobe module:
 Input DC supply 24VDC, 18mA max
 Activated output 24VDC, 1.5A - power limited
 Analog loop input 30VDC, 1.1mA max

Ordering Information

Order No	Description
8806	Intelligent control point
Accessories	
8820	Programmer/Tester
8986	Carrying case for 8820



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