

IP Fire Series™ Output Control Module

• DXP-OCM



Description

The IP Fire Series™ control system provides for Analog Loop Modules (ALM's) that may be installed throughout a protected facility in any number up to the IPF system maximum of 50 modules. IPF Series™ ALM modules offer analog addressable signaling line (SLC) circuits that may each have up to 126 detectors or 126 addressable control devices in any combination.

The AsBuilt output control monitor (DXP-OCM) is an addressable device that is a means of connecting to and controlling building functions such as electromagnetic door holders, dampers, motors, elevators and disconnects from the main IPF Series™ system.

The DXP-OCM connects to the SLC, is programmed via a 7 pin DIL switch and is polarity insensitive.

Single or multiple initiating points on the IPF Series™ fire control are assigned to specific DXP-OCM modules that may be connected anywhere on the SLC. When an event is generated by an initiating device, the pre-programmed assignment automatically fires the Form C dry contacts located on the DXP-OCM effecting a change in status to the attached building control device(s).

In standby mode, the DXP-OCM monitors its internal circuitry for status of the device itself and supervises the external control circuit for faults. In the event a fault is detected, the DXP-OCM will report a trouble to the IPF Series™ fire control.

When tied to specific smoke detectors, switch monitors and other initiating devices, the DXP-OCM allows the IPF Series™ fire control to exercise significant automatic control over all building functions in accordance with local building requirements.


The DXP-OCM is plate mounted on a 4 ¼ x 4 ¼ plastic plate for surface or flush mounting on 4" square boxes. The DXP-OCM is fully supervised, field programmable and has an integral LED that is visible through the front plate. The LED flashes on device poll to show that it is active. The red LED latches ON upon activation.

Features

- **Form C dry relay contacts**
- **Automatically controls building functions**
- **Fully supervised**
- **Field programmable**
- **Plate mounted for surface/flush mounting in 4" square boxes**
- **LED for polling/alarm annunciation**
- **DIL switch addressing**
- **Green/RoHS Compliant**

Listings

UL File: S7003

Product	Data Sheet Number	Rev/Revision Date	
IPF Series™ Output Control Module	2818	1.3/ 5/1/2009	

Engineer Specification

The contractor shall furnish and install, where indicated on the plans, addressable interface devices for the monitoring, supervision and control of programmable relays connected to the Fire Alarm control. The devices shall act as an interface between the Fire Alarm control and building functions such as electromagnetic door holders, dampers, motors, elevators and disconnects and give the Fire Alarm the ability to change the state of the attached building control functions during an emergency condition. The addressable interface device shall communicate to the main fire control via the analog addressable circuit. The addressable interface device must be UL listed and UL listed as compatible with the AsBuilt IP Fire Series network fire controls. The addressable interface device shall be As Built Engineered Systems part numbers DXP-OCM.

Technical Data

All Devices:

Current Consumption: 600 μ A typically
LED on: 4 mA
Operating Temp: -4°F to 158°F
Humidity: 0% to 95% (no condensation or icing)
Shock: To UL 864
Vibration: To UL 864

Dimensions:

Dimensions: 4 1/2"W x 4 1/2"H x 1"D
Weight: 3 oz
LED visible through fascia plate label

Ordering Information

Part Number	Data Sheet	Description
DXP-OCM	2818	Output Control Module (55000-863)

Related Modules



DXP-PIM	2810	Point Identification Module (55000-805)
DXP-MPIM	2810	Mini Point Identification Module (55000-831)
DXP-PID	2810	Priority Input Device (55000-806)
DXP-MPID	2810	Mini Priority Input Device (55000-830)
DXP-IOM	2812	Input / Output Monitor (55000-820)
DXP-SDR	2814	Sounder (55000-825)
DXP-2PID	2816	Dual Priority Input Device (55000-790)
DXP-OCM	2818	Output Control Module (55000-863)

Related Data Sheets

Discovery Detectors: DISC-P, 2106; DISC-I, 2107; DISC-T, 2108; DISC-M, 2109

XP Detectors: XP-P, 2101; XP-I, 2102; XP-T, 2103; XP-M, 2104

Addressable Base Options: All Bases, 2310

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As Built Engineered Systems, Inc. 1451 Concord Street Framingham, MA 01701-7782 USA	Phone: (508) 788-8333 Fax: (508) 788-8334 Contact: info@asbuiltes.com Visit: www.asbuiltes.com	 AsBuilt ™ Engineered Systems	