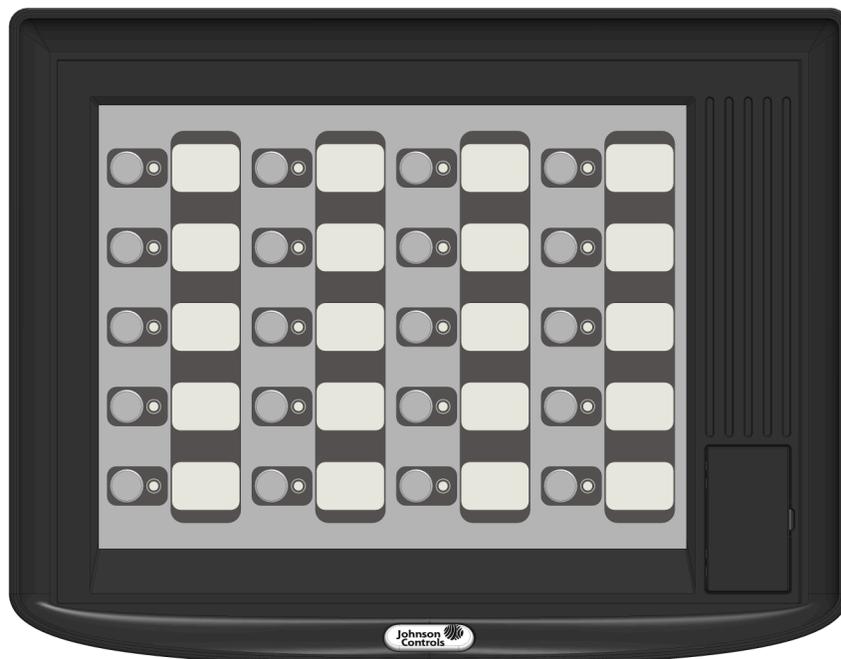

Introduction

The COM821 is a standard user interface module that can be driven from an OCM800 or a MPM800/MPM801. The COM821 module provides 20 programmable digital input and output points for fire panels.

The COM821 module is mechanically designed to fit into a Profile-based plastic enclosure and ancillary housing. The P-ANC-E, FC-ANC-E, and PXB800 are the existing metal ancillary housings available for the installation of the COM821 module.

The COM821 is not backward compatible with the COM820 module housing. The COM821 module allows piggy-back mounting of the MPM801, while the MPM800 allows piggy-back mounting or interfacing with an additional metal bracket supplied in the COM821 module accessories kit.

Figure 1: COM821 NexGen 20 Way Status Command Module



Features

- 20 momentary push button switches
- 20 separate programmable indicating LEDs (yellow)
- Editable inserts for labelling button switches

Suggested uses

- Manual/OFF/Auto/Isolate functions for evacuation or plant control
- Selective isolate and evacuate functions for fireman's control
- Selective plant shutdown and override functions
- Selective system delay and timer functions
- LEDs may be programmed as system status indicators of output devices or control options
- Two COM821 modules can be connected with the X-Bus from an OCM800 or a MPM801
- One COM821 module can be connected with the X-Bus from a legacy MPM800

Ordering information

Table 1: Ordering information

Product	Order code
P-ANC-E PROFILE Ancillary Housing for Zettler	557.200.844
FC-ANC-E Empty Ancillary Housing for FireClass	557.200.963
PXB800 PROFILE Expansion Housing for Zettler Pro16xD/Pro32xD	557.202.853
MPM801 NexGen Multi-Purpose Interface Module	557.202.875
COM821 NexGen 20way Status/Command Module	557.202.876

Performance characteristics

Table 2: Performance characteristics

	COM821
Mechanical data	
Dimensions H x W x D	193.9 mm x 247.9 mm x 28.8 mm
Weight	0.32 kg
Housing colour	RAL 7016
Ambient conditions	
Environment	Indoor application only
Operating temperature	-10°C to +70°C
Storage temperature	-20°C to +85 °C
Operating humidity	Up to 95% non-condensing
Electrical characteristics	
Input voltage	+24 VDC: 40 mA maximum +5 VDC: 82 mA maximum
Electromagnetic compatibility	<ul style="list-style-type: none">• EN50130-4 for the following:<ul style="list-style-type: none">- Conducted disturbances- Radiated immunity- Electrostatic discharge- Fast transients- Slow high energy• EN 61000-6-3 for emissions• E10-Rev7: Marine standard

Approvals

All required declarations and certificates are publicly available on the website www.zettlerfire.com or fireclass.com and are searchable by number or model name. The above fire detection products are components designed for use in Addressable Systems exclusively available to registered partners only. They are intended for installation by trained registered personnel only. Systems should be installed and configured according to local regulations.

