

## FEATURES

- ✓ Configurable LED colour ensures suitability for a variety of applications
- ✓ Alarm/Circuit On and Fault LED per-point option, alarm only option or zone disabled option
- ✓ Touch-pad control switch option for remote control of system relays; or silence, reset, and evacuate
- ✓ LEDs may be programmed to display status of indicating circuits or control relays as well as system status conditions such as zone disablement
- ✓ System Fault & On-line/Power LED indicators
- ✓ Alarm & fault resound with flash of new conditions
- ✓ Local sounder for both alarm and fault conditions with silence button (program options)
- ✓ May be powered by 24Vdc from the panel or by remote power supplies
- ✓ Slip-in custom labels, lettered with LabelEase program
- ✓ Plug-in terminal blocks for ease of installation and service



## PRODUCT DESCRIPTION

The ACM/AEM-24AT and the ACM/AEM-48A provide a modular line of products for annunciation and control of the AFP-3030 Fire Alarm Control Panel and Network Control Annunciator. The annunciators provide an array of LEDs to indicate point status and, in some versions, switches to control the state of outputs or zone disablement. These annunciators use a serial interface and may be located at distances of up to 1,800 metres from the panel.

## INSTALLATION

The annunciators use modular hardware assemblies which allow the custom configuration of the annunciator panel to fit the individual panel requirements. Standard backboxes and mounting hardware schemes, including ABF or ABS boxes enclosures, allow the annunciators to be constructed and configured with other system components. Communication between the annunciators and the host Fire Alarm Control Panel is made through an RS-485 multi-drop loop, eliminating the need for costly wiring schemes. Four wires are required, two for the RS-485 communications (twisted shielded pair for when it leaves the panel), and two for 24Vdc regulated power.

All field-wiring terminations use removable, compression-type terminal blocks for ease of installation, wiring, and circuit testing.

## TECHNICAL SPECIFICATIONS

Supply Power	24Vdc nominal (17Vdc to 28Vdc)
Current draw (On-line Flashing, all other LEDs off)	3030-ACM-24AT/ACM-48A: 0.016A 3030-AEM-24AT/AEM-24AT: 0.002A
Current draw (Alarm, all LEDs are assumed to be on)	3030-ACM-24AT/ACM-48A: 0.070A 3030-AEM-24AT/AEM-24AT: 0.056A  <i>Note: This assumes that all LEDs are lit simultaneously. When the alarm system specification permits, calculations can be based on a 10% alarm loading capacity but do not enter less than one.</i>
Temperature/Humidity	This system meets AS requirements for operation at 0 - 49°C and at a relative humidity 93% ± 2%

## ORDERING INFORMATION

Product Code	Description
3030-ACM-24AT	Control annunciator 24 button, 48 LED indications
3030-ACM-48A	Annunciator (control) 48 x LED indications
3030-AEM-24AT	Expansion annunciator 24 buttons, 48 LED indications
3030-AEM-48A	Annunciator (expander) 48 x LED indications

## AGENCY LISTINGS & APPROVALS

Compatible with AFP-3030 Fire Alarm Control Panel and NCA-2 Network annunciator.