



# AN-6150

## Modular Annunciator Display Unit

**For Power Generation, Transmission & Distribution, Petroleum, Petrochemical and Other Process Industries**

### Modular Annunciator

The Model AN-6150 is a compact, cellular display unit which allows a wide variety of customer configurations. Any combination of four standard window sizes can be accommodated in each cell. These cells can be configured in any matrix up to 4 high and 4 wide. The single module is designed to DIN 2.84" x 5.67" standard.

The AN-6150 Modular Display Unit is suitable for panel mounting. Six window colors are available which can be back lighted by incandescent lamps. Alternatively, LED lamps are available to meet long life requirements. Legends are laser printed on clear transparencies to allow changes to be done by the customer. Pushbutton membrane switches can also be added for silence, test, acknowledge and reset functions. These units come standard with flush panel mounting, including hardware and rear terminal block field connections. Please refer to ordering information for additional options.

### Window Colors

- Red, amber, yellow, green, blue and white illuminated by incandescent lamps.
- Red, amber and green are illuminated by LED clusters.

### Legend

- Laser printed on clear film or engraved filters.
- Secret window until lit and secret legends optional.

### Illumination

- #656 wedge type bulb, long life, 28 volt, 0.06 amp filament lamp or equivalent.
- Dual lamps in all window sizes. Dual lamps are optional in small window size.
- Optional illumination by LED cluster each 24 volt, 0.025 amp with limited colors.

### Window Sizes

Four standard sizes.

- Small: 0.98 in. x 1.14 in. (25 mm x 29 mm)
- Medium: 0.98 in. x 2.40 in. (25 mm x 61 mm)
- Large: 2.13 in. x 2.40 in. (54 mm x 61 mm)
- Ex Large: 2.13 in. x 4.96 in. (54 mm x 126 mm)

### Sizing Details: in./(mm)

	Number of Cells Wide				
	1	2	3	4	5
Bezel Width	5.67 (144)	10.79 (274)	15.91 (404)	21.02 (534)	- -
Cut-out Width	5.43 (138)	10.55 (268)	15.67 (398)	20.79 (528)	- -
	Number of Cells High				
	1	2	3	4	5
Bezel Height	2.83 (72)	5.12 (130)	7.40 (188)	9.68 (246)	12.00 (305)
Cut-out Height	2.60 (66)	4.88 (124)	7.17 (182)	9.49 (241)	11.77 (299)

## FEATURES AND BENEFITS

- 1 Low cost visual display
- 2 Configurable in four standard window sizes
- 3 Compact high-density design
- 4 Last printed legends
- 5 Easy installation and maintenance

# SPECIFICATIONS

## CONSTRUCTION

- Modular interlocking matrix configuration, multiples of standard DIN size 72 mm x 144 mm (2.83 in. x 5.67 in.)
- Cells up to 4 cells high by 4 cells wide

## MOUNTING

- Flush panel mount or standard 19 inch rack panel mount for 3 cell wide display only

## CONNECTIONS

- Ribbon cable or terminal block accepting maximum wire size 16 AWG

## AMBIENT WORKING TEMPERATURE

- 14° to 122°F (-10° to 50°C)

## RECOMMENDED WORKING VOLTAGE

- 24 V +10% for increased lamp life with 28 V lamp

## POWER REQUIREMENTS

- Each cell has a total of 8 plug-in filament lamps or LED clusters
- Power required per cell: 28 V lamp
- Working at 24 V: 0.5 A, 12 W, 24 V
- LED cluster working at 24 V: 0.2 A, 4.8 W

## CONTROL MODULE

- Silence, test, acknowledge and reset membrane pushbuttons within a large size window (54 mm x 61 mm – 1/2 cell size) (2.13 in. x 2.40 in.)
- Includes internal audible device and visual power on indicator

## WEIGHT

- 0.48 lbs. (0.22 kg) per cell

AN6150 Ordering Information	
TYPICAL MODEL NUMBER (coded by color)	
AN6150-3-5	INTB S VW 48A R STH
Code Description	
AN6150-X-Y X = Display Height Y = Display Width	
Common Service Module	
INTB	Integral CSM wit Pushbuttons (Touch pad mounted in the lower right cells)
RPB	Remote Panel Mounted CSM (with pushbuttons)
NPB	No Pushbutton
Common Service Module	
S	Small Window, 8 per cell
M	Medium Window, 4 per cell (0.98" x 1.14")
L	Large Window, 2 per cell (0.98" x 2.40")
EL	Extra Large Window, per cell (2.13" x 2.40")
IMW	Intermix Window Size, Matrix Must Be Included (2.13" x 4.96")
Window Type	
VW	Legends Are Laser Printed on Transparency Film (Standard)
SW	Laser Printed Legends Are Hidden Until Lit (Not available in LEDs)
VL	Legends Are Engraved on Windows
SL	Legends Are Hidden Until Lit, Engraved on Windows
Lamp Type	
24C	Incandescent Lamps, 24 VDC
24W	White LED Cluster Lamps, 24 VDC
24R	Red LED Cluster Lamps, 24 VDC
24A	Amber LED Cluster Lamps, 24 VDC
24Y	Yellow LED Cluster Lamps, 24 VDC
24B	Blue LED Cluster Lamps, 24 VDC
24G	Green LED Cluster Lamps, 24 VDC
48W	White LED Cluster Lamps, 48 VDC
48R	Red LED Cluster Lamps, 48 VDC
48A	Amber LED Cluster Lamps, 48 VDC
48Y	Yellow LED Cluster Lamps, 48 VDC
48B	Blue LED Cluster Lamps, 48 VDC
48G	Green LED Cluster Lamps, 48 VDC
Window Color	
R	Red Window
Y	Yellow Window
G	Green Window
A	Amber Window
W	White Window
B	Blue Window (not available when using LEDs)
IMC	Intermix Window Color, Matrix Must Be Included
Standard Options	
STD/1	19" Rack Mounting for 1 High x 3 Wide Displays
STD/2	19" Rack Mounting for 2 High x 3 Wide Displays
STD/3	19" Rack Mounting for 3 High x 3 Wide Displays
STD/4	19" Rack Mounting for 4 High x 3 Wide Displays
STD/5	19" Rack Mounting for 5 High x 3 Wide Displays
STD/6	19" Rack Mounting for 6 High x 3 Wide Displays
STD/X	19" Rack Mounting for Units Higher than 6 High
STY	Integral Plug Connector, 32 Points per Plug
STH	Integral Control Pushbuttons
NR	No Options Required

## WORLD HEADQUARTERS

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**POWER INSTRUMENTS**

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