



Powering Innovation



PROTECTION + AUTOMATION + CONTROL

# MICROPROCESSOR BASED FACIA ANNUNCIATOR

## 12 WINDOW

### JAV 014

**JVS ELECTRONICS PVT. LTD.**

#121, Manchanayakanahalli,  
Bangalore Mysore Highway, Bidadi,  
Ramanagara District - 562 109, Karnataka, India  
+91 94808 26272, +91 94808 26260  
bangalore@jvselectronics.in, www.jvselectronics.in

## FEATURES

- ◆ Sequence selection according to ISA standards
- ◆ Trip and Non-Trip selection
- ◆ Built in push button for test, silence, accept and reset functions
- ◆ DC fail indication (optional)
- ◆ Repeat alarm contact (optional)

## APPLICATION

Used for annunciation of different parameters and status in a system.



## DESCRIPTION

J-WATCH micro-processor based annunciator from JVS is of modular design.

JAV 014 provides Programmable trip/non trip and NO/NC selection for the each windows through DIP switches. Trip/Non trip selection can be performed through the DIP switches in the front panel of the unit. NO/NC selection can be performed by the DIP switches at the rear end of the unit. A set of built in push buttons for test, silence, accept and reset functions are provided in front panel of the unit. Terminals are also provide to connect external push buttons for remote operation as and when required.

The windows are lit by red super bright LEDs. Yellow, Amber, Green or Blue LED with colour filters can also be provided on specific request.

Auxiliary DC supply failure to the annunciator can be displayed in window designated as "DC fail annunciation" as an optional feature. A separate DC sensing card with mounting arrangement is provided which can be housed inside the Control Panel.

Repeat alarm contact (1NO output) for each window can be provided as optional feature.

## TECHNICAL DATA

Auxiliary supply	:	20-60VDC or 75 - 150V AC/DC or 175 to 300V AC/DC
Initiation	:	Potential free NO/NC contact
Flash rate	:	About 60 flashes per minute for fast flash About 30 flashes per minute for slow flash
Response time	:	20ms (maximum)
Display	:	Super bright LEDs, Red as standard (Amber,Green,Yellow or blue as optional)
Window Display	:	Photo negative or computer generated transparency
Dimension of window	:	64mmx23mm(WXH)-Display area
BurdenAuxilliary supply	:	< 1W per window
Output Contact rating	:	5Aat 24VDC/230VAC ( 1 NO - Trip, 1 NO-Non Trip)
Contact rating of repeat alarm relay	:	10A at 24VAC/ 230V AC

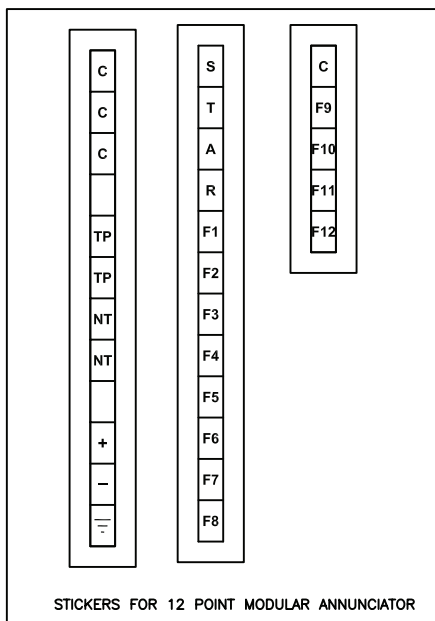
**MODE OF SELECTION**

Switch position				MODE
S1	S2	S3	S4	
-	0	-	-	Hooter off during Test
-	1	-	-	Hooter on during Test
-	-	0	0	Manual Reset
-	-	0	1	Auto Reset
-	-	1	0	Ring Back

**MECHANICAL DESIGN**

Type Designation : JAV 014--12  
 No. of Windows : 12  
 Front Face Dimensions in (mm) : 216W X 144H X 125D  
 Panel Cutout Dimensions in (mm) : 212W X 138H

**TERMINAL DIAGRAM**



**WHILE ORDERING PLEASE SPECIFY**

Auxiliary supply : 20-60VDC or 75 - 150V AC/DC or 185 to 300V AC/DC  
 No. of windows : 1) 12 Normal Windows  
 2) 12 Normal Windows with repeat alarm contact  
 3) 11 Normal Windows + DCF  
 Other Information to be provided : Inscription details for each window (Photo Negative)  
 by the customer