

ANNUNCIATOR

Microprocessor / Microcontroller Based Alarm Annunciators :-

In the process there may be an alarm or trip condition. This alarm condition or trip condition occurs at a set point of a parameter in the process. To indicate this we manufacture highly efficient, accurate and intelligent Microprocessor Based machine called Alarm Annunciator. An Alarm Annunciator continuously scans these fault conditions, which may occur during any process operation. Fault condition is indicated by flashing of the LED based facia windows of Annunciator and by sounding the audio Hooter and the operator can take necessary corrective action.

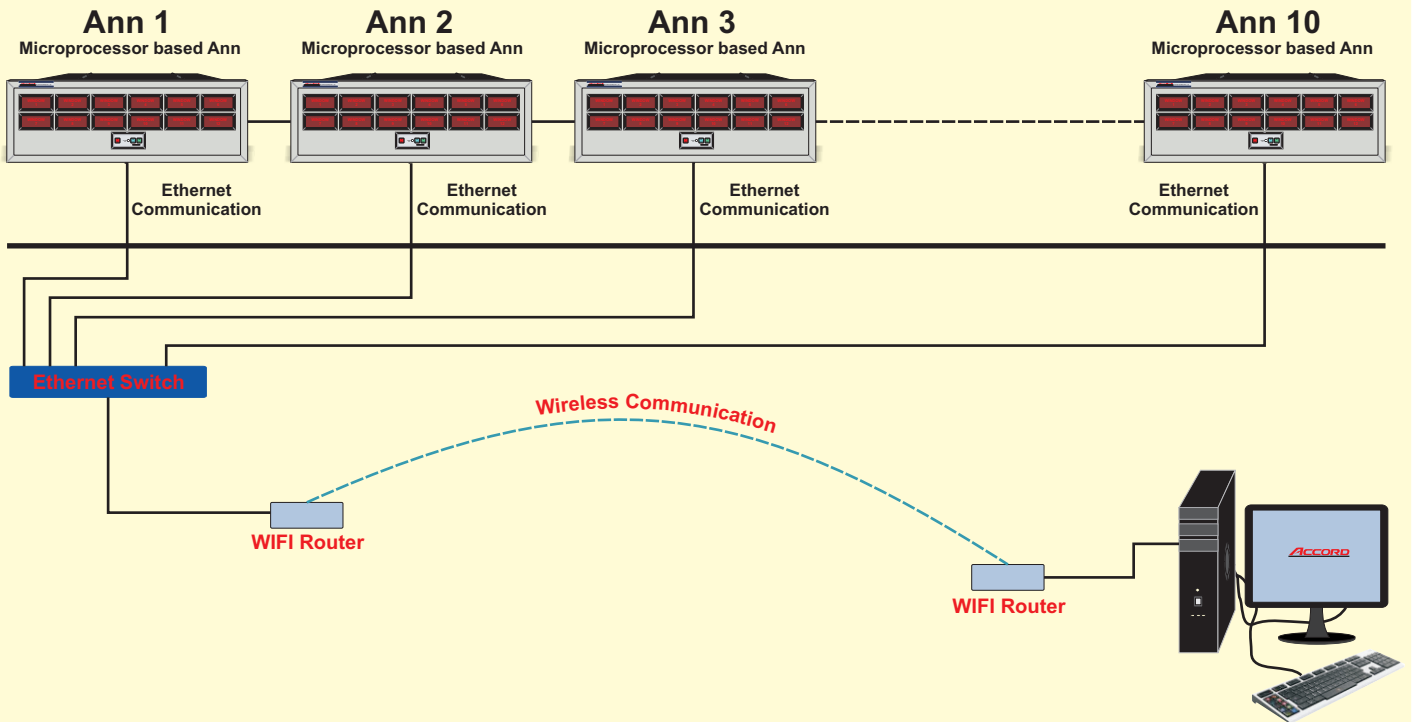
Accord Annunciator can scan all the parameters of the process to report a faulty condition if any. In other words there is no limitation on the number of inputs to the Annunciator & can be tailored according to the process. The Annunciator inputs are programmable and site selectable for NO(normally open) or NC (normally close) sensing and are isolated optically. We have wide range of annunciator to fulfill different types of requirement.

" We have carried out Environmental and Electrical type tests from ETDC Pune and ERTL Mumbai on our Annunciator Unit."

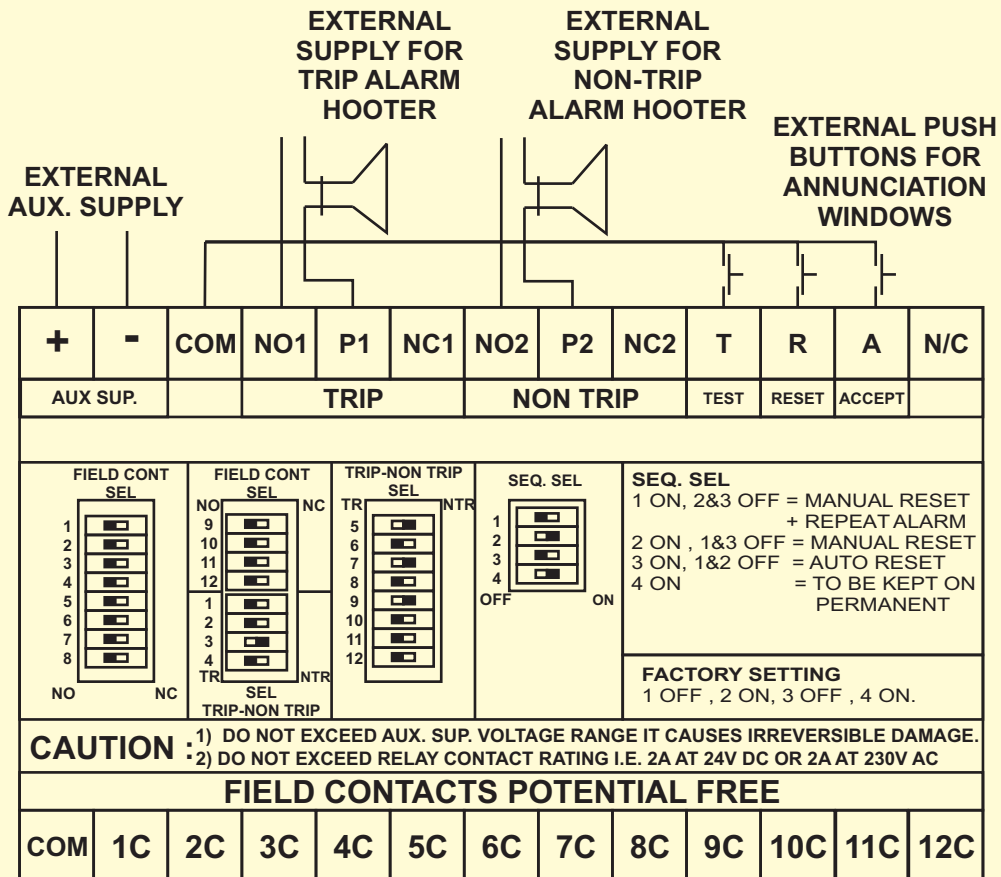
Advance Annunciator Systems

Fault Alarm Inputs	With or Without Potential. NO / NC Site selectable by DIP Switches Optically isolated. Interogation voltage 24 VDC
Output	One Potential Free NO contact of Relay for External Hooter. Contact Rating 230 VAC, 5A. 220 VDC, 2A.
Push Buttons	External TEST. ACCEPT, RESET Push Buttons of NO Type or Internal Built-in-Push Buttons.
Window Indication	Super Bright RED LED'S Other Colors - GREEN, AMBER, YELLOW. Legends - Photo - Positive / Photo Negative.
Number of Windows	4, 6, 12, 16, 18, 20, 24, 30, 32, 36, 40, 48, 50, 60, 64, 70, 72, 88 Other nos. available on demand.
Flexibility in Size	To mach customer's cutout dimensions with different Row and Column combination. Separate facia and control unit can be provided as per requirement.
Operating Sequence	As per ISA Standard - Manual RESET, Auto RESET, First Up, Ring Back or any other specific sequence as per requirement.
Wide Aux. Supply	1) 85 to 250 V AC/DC 2) 18 to 36V DC
Response Time	10 Mill Seconds Approximately.
Selection	Trip / Non-Trip Selection for audio alarm contact provided.
Time stamping	Time stamping with resolution of 10 to 15ms possible.
Communication Port	1) RS-485 with MODBUS RTU protocol available. 2)Eathernet RJ-45 with IEC 104 slave available.
Input Type (optional)	Potential Ridden I/P Interrogation contact operating on 110V DC / 220V DC to avoid contact Multiplication for Potential free contact (optional).
Site Selection Features	NO/NC, Trip - Non Trip & Sequence selection's possible remotely with Test, Accept, Reset, Push Button's
Data logging	Data logging with resolution of 10ms is possible up to 10 Events which can be expanded up to 200 events (optional).
Tested	IEC standard & IS Standard
Mounting	Flush Panel Mounting or Wall Mounting Type.
Environment	0 to 60 degrees Centigrade Up to 95% RH non-condensing.
External Connection	Terminal Strip suitable up to 2.5 Sq. mm Wire.
Enclosure	MS Casing with Powder Coated Finish.

Typical Scheme for window fascia Annunciator for Data Acquisition.



WIRING DIAGRAM



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