

General Characteristics

- WIDE VARIETY RANGE FROM 8 WINDOW TO 32 WINDOW
- SUPPORTS ISA... STANDARD SEQUENCES
- INPUT LOGIC SELECTABLE
- MEMORIZED FAULT RECOPY
- EACH CHANNEL SELECTABLE AS CRITICAL OR NON CRITICAL
- 2 COLOR WINDOW FOR DISPLAYING URGENT OR NONE URGENT FAULTS (X...V2 series)
- 2 DRY CONTACT FOR KLAXON AND BUZZER
- FIRST FAULT INDICATION BY 2 TIMES FAST BILINKING (X...V2 series)
- INTERNAL DC/DC CONVERTER
- MODULAR AND EXTRA COMPACT
- EASY INSTALLATION AND WIRING
- EXPANDABLE

Generalities

Optimizing an industrial installation requires automation of control and is usually accompanied by an alarm or supervisory system of certain parameters called "FAULTS".

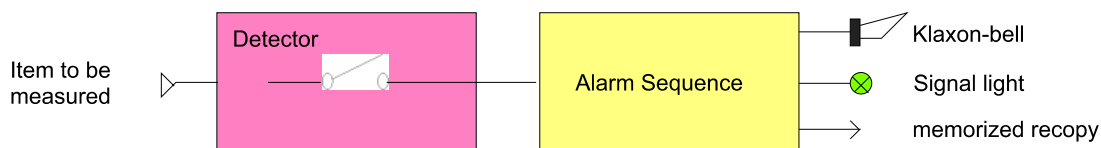
The aim is to attract the attention of the supervising personal by means of an illuminated signals and a klaxon, thus enabling immediate action to be taken rapid detection of any anomaly or excess of critical values will avoid unfortunate consequences which could result from lack of immediate intervention.

The alarm sequences cover a vast scope, from industry to public sectors : petrochemistry, metallurgy, naval construction, food industry, large stores, hospitals, power plant, power substation and etc.

Definition of the term "Fault" :

This is an all or nothing information expressed by the opening or closing of a contact.

This information represents any modification of a physical or mechanical parameter (temperature, pressure, level, displacement etc.) converted into an electrical signal by intermediary of a detector (end of run, thermostat, threshold relay, etc.).



The Tiam type alarm units designed by C-MOS technology and support all necessary ISA... functions and user can be select desired function easily.

The acquisition of data is generally effected by the opening or closing of a loop by distant sensor. The alarm sequence carries out sequential processing of information given by the fault contact. This can be an electronic or electromechanical device according to technology employed static or electromagnetic relay type.

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