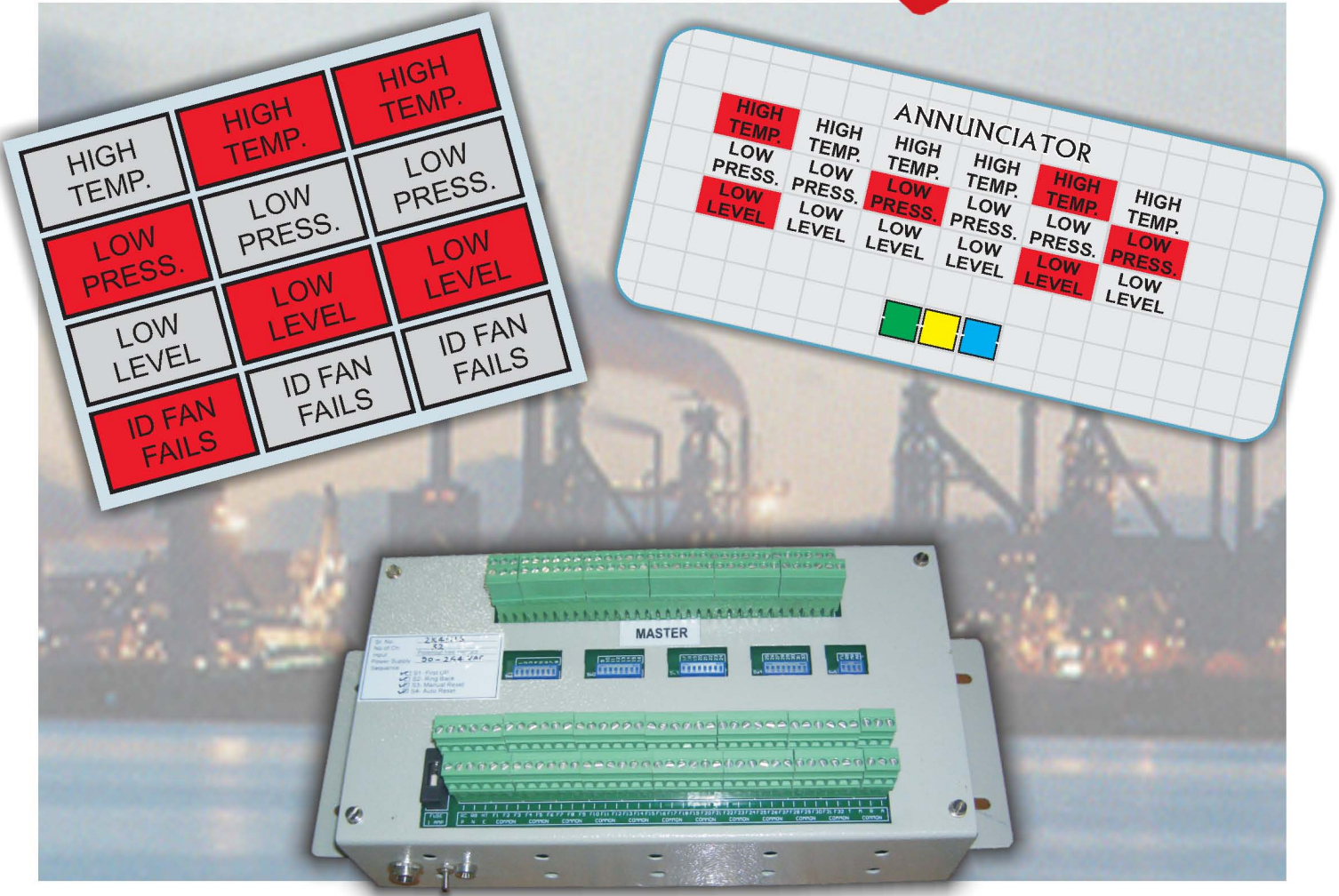


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ALARM ANNUNCIATOR (Split Type)

PEPL

µC BASED



Features :-

- ✓ Potential free optically isolated site selectable NO/NC contact input.
- ✓ Upto 32 points in one single unit.
- ✓ Detachable terminals.
- ✓ SMPS power supply (90V - 270 VAC).
- ✓ Flasher synchronization available in cascaded units.
- ✓ Back of panel mounting.
- ✓ Suited for any window having +12V/+24V connection.
- ✓ Best suited for MOSAIC type annunciator system.
- ✓ Site selectable alarm sequence as per ANSI / ISA 18.1-1979 (R 1985).
- ✓ Standard Auto Reset, Manual Reset, First Up & Ring back.
- ✓ Small Size : 360 (D) x 160(W) x 85 (H).
- ✓ Relay outputs for external audible hooter.

Pyrotech



SPECIFICATIONS :

Supply voltage	90-270 VAC (DC supply available on request)
Power available per window	Typical 600 mW @ 24 V DC
Total power consumption	Maximum 60 VA for 32 points
Flash rate	55-65 Flash / Min. in fast flash 25-35 Flash / Min. in slow flash
Operating sequence	Auto reset (S4) Manual reset (S3) First -up (S1) Ringback (S2) (As per ISA 18.1)
Input signal	Potential free contact (NO type or NC type are site selectable)
Input interrogation voltage	+ 12 V DC
Output contact	1) NO for hooter (6 A @ 230 VAC) 2) NO for ringback hooter (6 A @ 230 VAC)
Terminals	Detachable type terminals suitable for 2.5 sq. mm.
Operating temperature	0 to 60°C
Storage temperature	-20 to +80°C
Humidity	5 - 95% Rh
Enclosure	M.S. Instrument cabinet
Unit dimensions (standard)	360(D) x 160(W) x 85(H) mm
Weight	3 Kgs.

NOTE :

1. A socket for connecting the flasher synchronisation cable is available at the side of the cabinet.
2. A selector switch is also given at the side of the cabinet. When the selector switch is towards the MASTER position the corresponding annunciator is working as MASTER CPU (generates the clock cycle), and if selector switch is towards the SLAVE position the corresponding annunciator will work as SLAVE CPU (receive the clock cycle).
3. There is a flexibility for the customer to select the MASTER / SLAVE for all annunciators. So , if in a system , MASTER CPU is facing some problem the whole system will fail. In that condition it is suggested that , to make remaining annunciators working the customer should change the selector switch position of any annunciator from SLAVE to MASTER and disconnect the flashing synchronisation cable from the defective earlier MASTER annunciator's end.
4. Ensure that for a system there is only one MASTER CPU, and there can be more than one number of SLAVE CPU.

LIST OF SPARES RECOMMENDED

- | | | |
|--|-------------------------------|------------------------|
| 01. Pre-Programmed Microcontroller chip. | 02. CPU Card. | 03. Power Supply Card. |
| 04. Input/Output Board. | 05. External Push Button Set. | 06. Hooter |

Specifications are subject to change without prior notice.

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