

# Alarm Annunciator



- Based on latest single chip micro-computer technology Sleek, Compact design for reliable and accurate operation.
- Fast response time. Models available from 4 to 64 windows. Field selectable operational sequences.
- Incorporates a group of super bright LED's instead of twin filament lamps for ultimate life at very less power consumption.
- Actuated thro' potential free fault input contacts.
- Fault input contacts NO/NC site selectable by means of DIP switches.
- Opto-isolated all fault inputs, immune to noise disturbances.
- Provision for external audible (Bell or Hooter) thro' potential free relay relay output contact.
- All models are with built-in feather touch push buttons for Test, Accept and Reset Operations.
- Specially designed power supply for high noise immunity, wide input variation and having built-in transient protection.
- The extensive protection so provide safeguards all I.C.'s and components from failure, thereby offering complete reliability.
- All cards interconnected with plug-in polarized connectors for easy servicing.
- Rugged M.S. enclosures with high strength.
- Designed to give an economic, No Frills Alarm, Annunciator System that is both easy to install, Commission and maintain.
- Type tested for noise, impulse and functional test as per various standards



## Technical Specifications

Supply Voltage	:	1) 90-270 AC/DC SMPS
	:	2) 24V/48V DC + 20%
No. of Windows	:	4 to 64 windows available in different
No. of LED's per window	:	Super bright 9 LED's in three rows.
Power Consumption	:	0.8VA per window
Scan Time	:	60 ms
Flash rate	:	50 Flashes/min - Fast flashing
Interrogative Voltage	:	5 V DC and 12V DC
Fault input contacts	:	NO or NC site selectable potential free contacts
		of relay, micro switch or aux. Contact of .



**DIGITAL PROMOTERS**  
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Output connection	:	For remote Test, Accept & Reset operations on
Output relay contact	:	Potential free contact for external Hooter, Bell
Output contact rating	:	5 Amps at 230V AC or 1 Amp. at 415V AC.
Noise immunity	:	2.5 KV as per IS 8686 Refer type test chart.
Impulse Test	:	5 KV as per IS 8686
Environmental tests	:	As per IS 9000
Standard operational	:	1. Auto Reset    2. Manual Reset
		3. First Up        4. Ring Back Alarm.
Max. ambient temp.	:	0 - 60 deg C.
Window dimension	:	40 X 40 mm
Legends	:	Photo film ( positive or negative)
Push button controls	:	For Test, Accept & Reset functions
Overall size & cutout dimensions	:	Refer chart below

No. of Windows	Window Placement	Cutout	Bezel	Depth
	Placement	Dimension	Dimension	
	Row X Column	W X H	W X H	
4	2 X 2	92 X 92	96 X 96	160
4	2 X 2	125 X 92	135 X 102	160
6	1 X 6	285 X 65	305 X 78	160
6	2X3	172 X 92	180 X 102	160
8	1 X 8	365 X 65	388 X 78	160
8	2 X 4	212 X 92	220 X 102	160
9	3 X 3	172 X 138	190 X 155	160
10	2 X 5	247 X 92	265 X 105	160
12	2 X 6	285 X 92	313 X 112	160
12	3 X 4	212 X 138	220 X 155	160
16	2 X 8	360 X 92	395 X 114	160
16	4 X 4	225 X 175	244 X 194	160
18	3 X 6	278 X 138	300 X 155	160
20	4 X 5	258 X 190	280 X 210	160
24	3 X 8	375 X 145	390 X 160	160
24	4 X 6	280 X 190	300 X 210	160
30	5 X 6	278 X 220	300 X 240	160
32	4 X 8	375 X 185	390 X 200	160
36	6 X 6	278 X 260	300 X 280	160
40	5 X 8	375 X 220	390 X 240	160
48	6 X 8	375 X 265	390 X 280	160
(with in - built hooter)				
4	2 X 2	190 X 92	210 X 112	160
6	2 X 3	275 X 92	303 X 112	180
All dimensions are in mm.		W - Width	H - Height	D - Depth



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