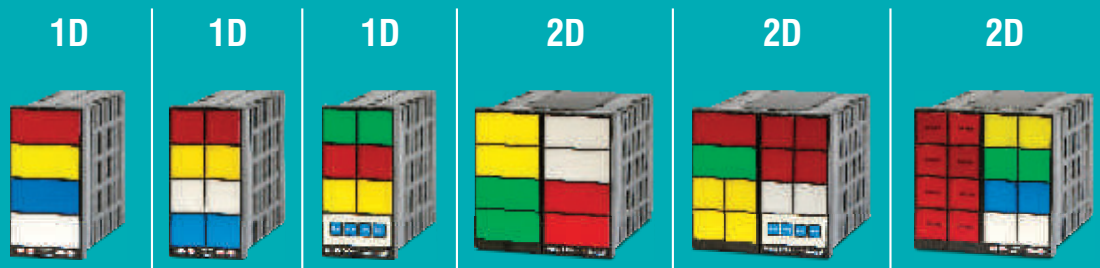
ALARM ANNUNCIATORS

MBAS 0600



MBAS 0600 is a improved version of earlier MBAS 9400 and is available for 4 to 32 windows

The Functional Features

- Fixed Sequence (S1/S2/S3/S4)
- Potential free dry contact inputs
- NO/NC inputs selectable configuration
- Relay output for external Audible Hooter 3rd Relay (optional) for either of below mentioned features
  a) Ring back hooter
  b) Supervisory control
- Minilec Standard Communication Protocol

The Design Features

- Single chip microcontroller logic
- Opto isolated inputs and outputs
- Super Bright LED window illumination
- High Noise immunity / isolation
- Switch mode power supply
- Self surveillance watchdog LED

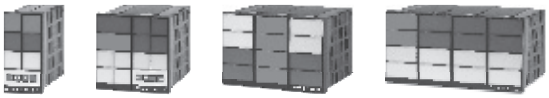
The Constructional Flexibility

- Conforming to DIN panel cutouts
- Replaceable snap-on window capsules
- Two different window size
- Moulded enclosures

System Enclosures

The MBAS 0600 annunciation systems is configured in multiples of four basic ABS moulded enclosures

Size 1 D **Size 2 D** **Size 3 D** **Size 4 D**

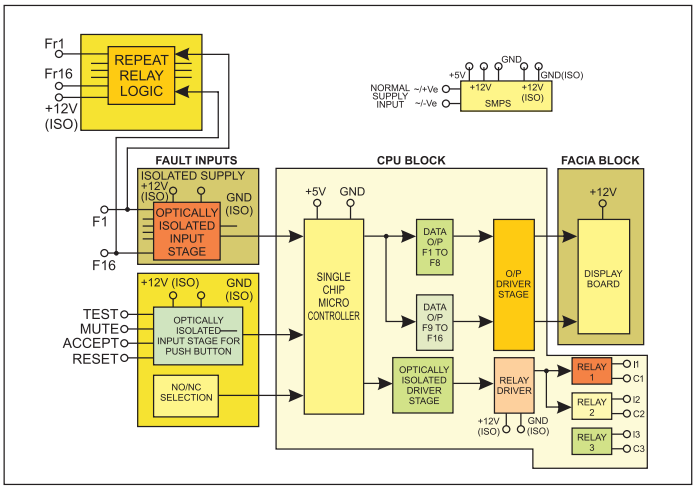


Basic Standard Enclosures

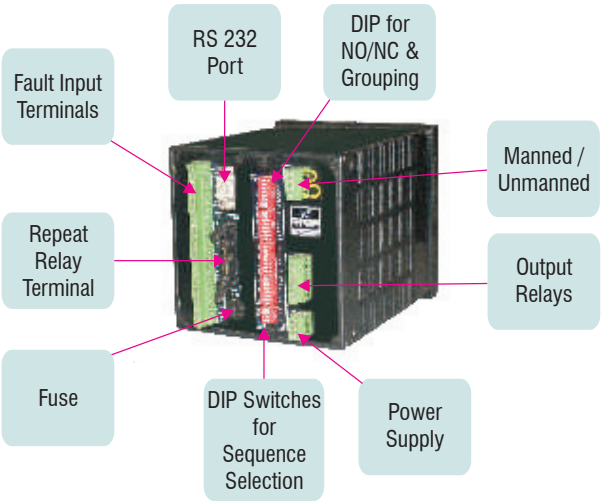
Optional Features

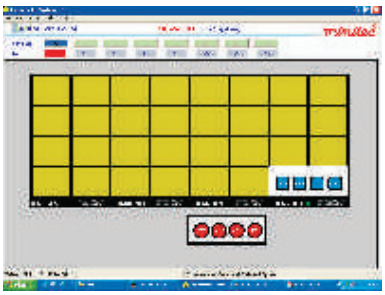
- Any custom built operating sequences
- Manned / Unmanned function
- MODBUS RTU/ASCII Protocol
- Fault Follower contact output per fault Input (NO or NC)
- Supply fail indication / annunciation Built-in
- Built-in control push buttons

Functional Block Diagram



Back view showing Terminal details





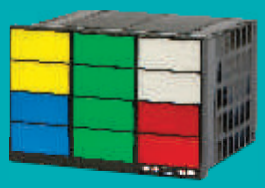
PC Side software

ALARM ANNUNCIATORS

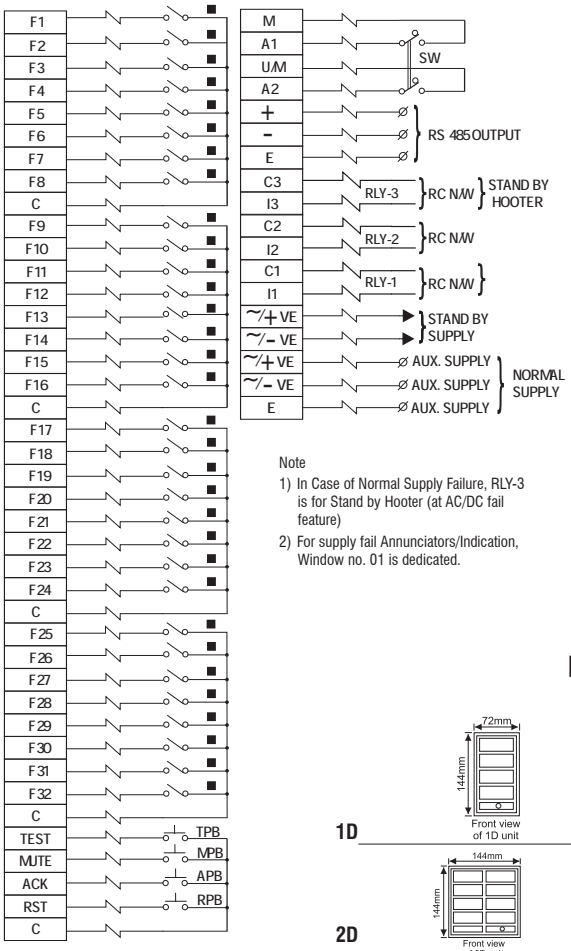
minilec®

MBAS 0600

CE* ABS

3D	3D	4D	4D
			
312B0SPO	30B24SPO	416B0SPO	40B32SPO

Connection Diagram (FOR MAX. 32 POINT MBAS 0600.)

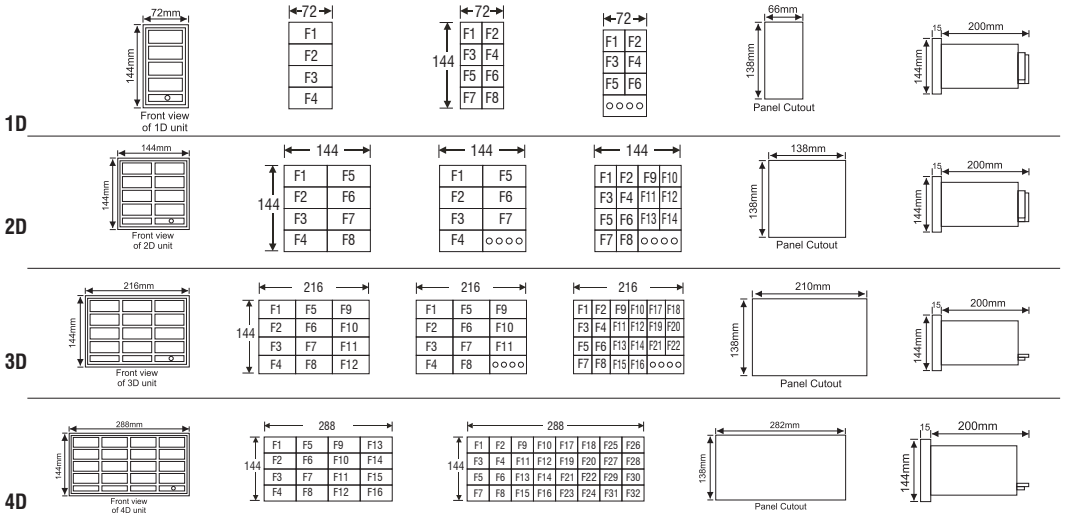


Note

1) In Case of Normal Supply Failure, RLY-3 is for Stand by Hooter (at AC/DC fail feature)
2) For supply fail Annunciators/Indication, Window no. 01 is dedicated.

TECHNICAL SPECIFICATIONS :

Supply Voltage	24 / 30 / 48 / V DC, 20-60 V DC, 90-270 V AC / DC			Note: Mention specific voltage (Fixed/wide range) in order
Windows	4 / 6 / 8 / 12 / 16 / 18 / 22 / 24 / 32			
Window Sizes	30 x 30mm / 30 x 65 mm			
Display Device	Super bright high efficiency low power consuming LEDs			
Facia Type	Individual windows lens Front Replaceable			
Window Colours	RED, Yellow, Amber, Green, White & Blue			
Flash Rate	Fast - 60 flashes/min. Slow - 30 flashes/min.			
Response Time	40 msec.			
Input Signal	Potential free contacts (NO or NC site selectable)			
Grouping	Trip / Non Trip site selectable			
Interrogation Voltage	+ 12 V DC			
Output Contacts	1 NO + 1 NO + 1 NO (optional)			
Architecture	Integral			
Operational Sequences	Auto/Manual/First-up/Ringback (optional)			
(site selectable)	OR any other sequence on request			
Operational Temp.	0-60 degrees C			
Power Consumption	1.5 Watts per Window (Max)			
Optional	AC-DC fail Annunciation or Indication / Repeat Relays / RS232 - 485 Port			
Dimensions (mm)	**1D**	**2D**	**3D**	**4D**
Panel Cutout (L x W)	138 x 66	138 x 138	138 x 210	138 x 282
Overall (L x W x D)	144 x 72 x 215	144 x 144 x 215	144 x 216 x 215	144 x 288 x 215

Wherever not specified Contact Rating : 5A @ 230 V AC (resistive) * CE marked products available on request.

Dimensional & Panel Cutout Details