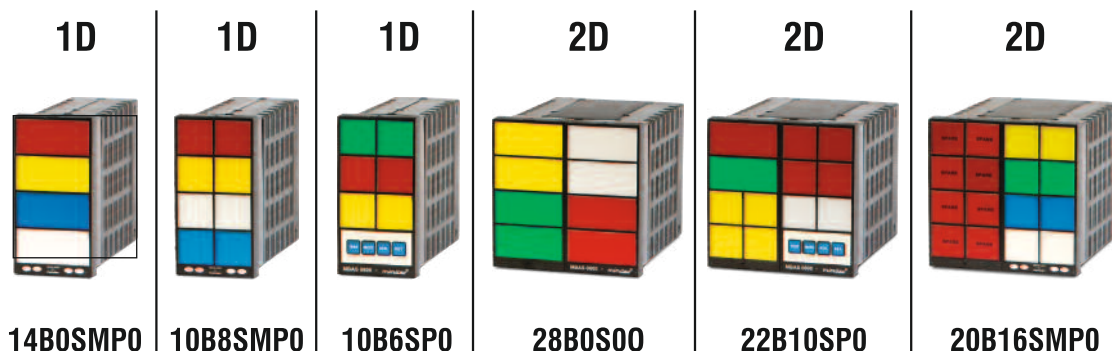


ALARM ANNUNCIATORS

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

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

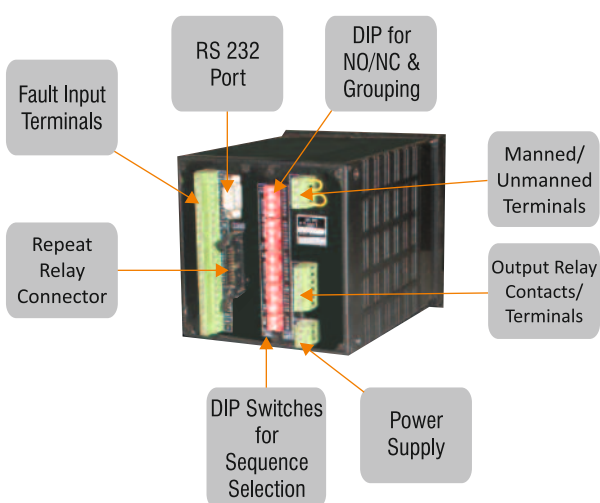
System Enclosures

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

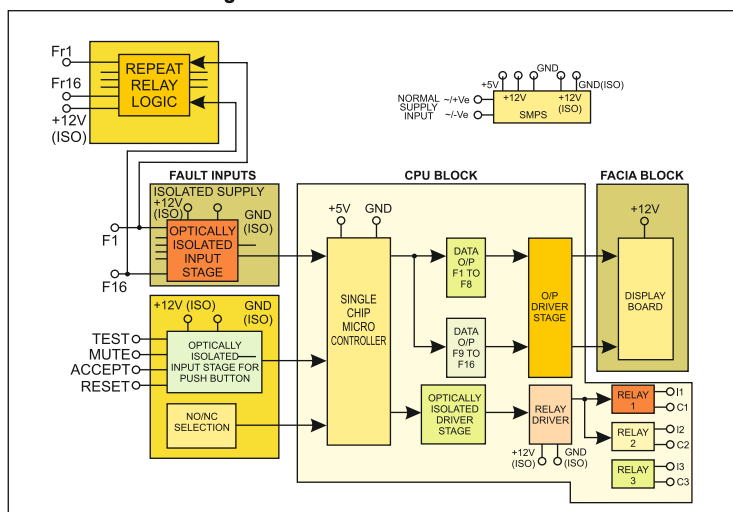


Basic Standard Enclosures

Back view showing Terminal details



Functional Block Diagram



PC Side software

ALARM ANNUNCIATORS

minilec®

MBAS 0600



3D



312B0SMP0

3D



30B24SMP0

4D



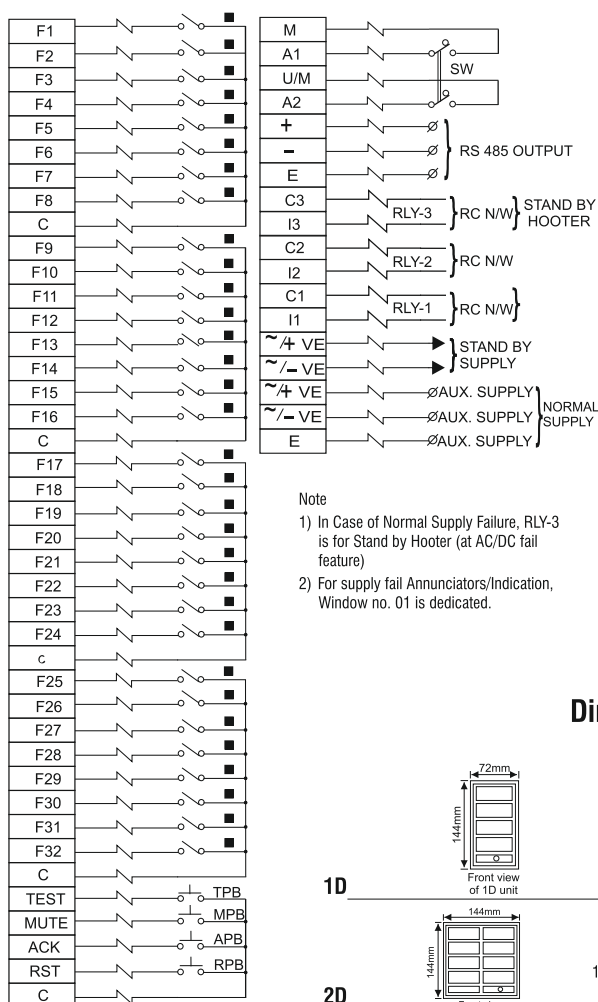
416B0SMP0

4D



40B32SMP0

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



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
Supply Frequency [FOR AC]	50 / 60 Hz ± 3%			
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 (site selectable)	Auto/Manual/First-up/Ringback (optional) OR any other sequence on request			
Operational Temp.	0°C to 60°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 (H x W)	138x66	138x138	138x210	138 x 288
Overall (H 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

