

Programmable Annunciator

M3-40R

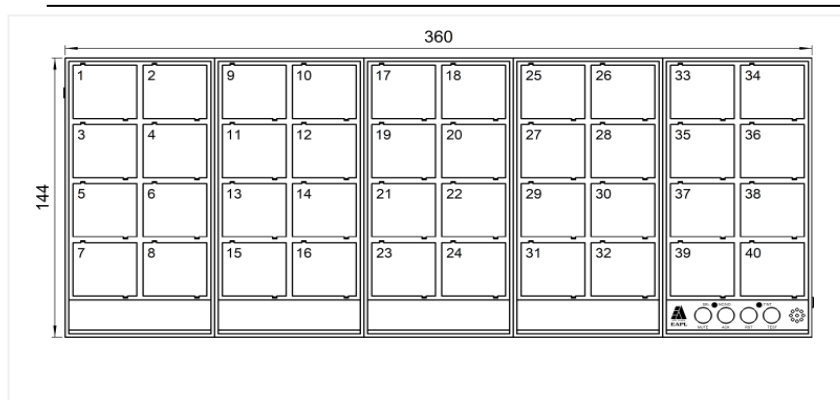
Microprocessor based programmable Annunciator

- Elegant, compact & lightweight.
- Master and slave units are available in 4, 6 & 8 windows.
- A cluster of Low power, long life super bright white SMD LED's for fault indications.
- Site selectable fault input signals and output relays for each window.
- User-selectable sequence of operations-Manual/Auto reset/ Manual reset with ring back / FIFO.
- Incorporates a built-in buzzer in addition to fault alarm relay output and RS485 communication output with field selectable device Ids.



Functions

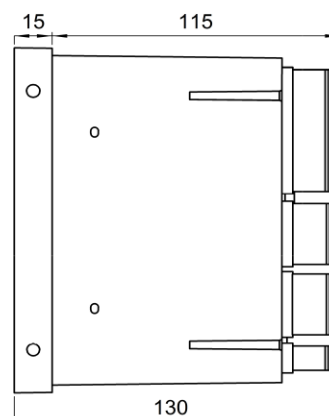
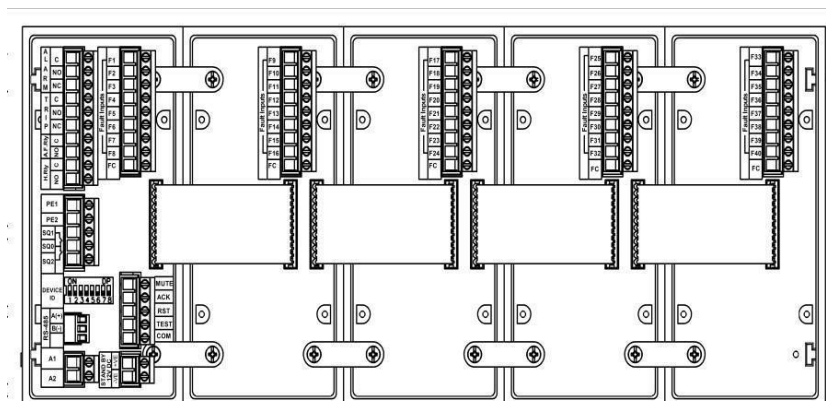
Programmable fault annunciator distinguishes the fault and annunciates the specified faults visually and audibly. Based on the Annunciation, you can take steps against intricate faults to secure the system.



Dimension

Rear View

Side View



Specifications

■ Ratings

Power supply voltage	85-270V AC/DC
No of Windows	40
Control output	4 TRIP Relay(C,NC,NO) Alarm Relay (C,NC,NO) Aux. fail Rly (C & NO) Hooter Rly (C & NO)
Ambient operating temperature	-10°C to + 55°C
Storage temperature	-25°C to + 80°C
Humidity	85% RH @ 40°C
Power Consumption	AC: 35VA Approx. DC:20W Approx.
Flash Rate	Fast:100/Minute ±10 Slow : 60/Minute ±10
Operating Frequency	50 / 60Hz ± 5% AC ONLY

■ Characteristics

Fault input Contact	Selectable NC/NO type for each window
Stand By supply	12VDC±10%
Window Colour	Red
Window Size	34.0mm X 31.0mm(LXW)
Push Button Control	Integral Push button for Mute, Acknowledge Reset & Test Function, Provision for remote access of push Buttons
Illumination	Low power Super Bright LED'S
Fault Input Signal	Potential Free (NO/NC field selectable)
Contact Rating	1 C/ O Rated for 5A @ 250 VAC / 30VDC(NO) 3A @ 250VAC / 30VDC (NC)
Test Facility	Available
Audible Output	Internal Buzzer
Communication	RS-485 Modbus RTU Protocol
Fault Sensitivity	100mSec ±10mSec
Sequence of operation	a)Manual reset b)Auto reset c) Manual Reset + Repeat Alarm d) FIFO Sequence
Insulation resistance	>100M ohms @500V DC
Service life (under no load)	10 ⁶ operations minimum
Electrical life (under full load)	10 ⁵ operations minimum
Recovery time	2Sec minimum
Dielectric strength	a) 2.5KV AC, 50Hz for 1 minute. (Between current carrying& non-current carrying parts) b) 1.5KV AC, 50Hz for 1 minute. (Between contacts & control circuit) c) 750V AC, 50Hz for 1 minute. (Between non-continuous relay contacts)
Dimension	360 x 144 x 130 (W x H x D)
Electrical Connection	Right angle female pluggable connector