



Product Features

- Sleek, light weight, ABS enclosure
- Super bright, Red color SMD, LED for fault indications
- Test / Mute / Acknowledge / Reset (buttons in front and terminals at rear) are available.
- Multiple units terminals can be connected in parallel to achieve more windows
- Each window can be programmed for fault inputs as NO or NC and output as alarm or trip
- Above program can be locked by removing the short link across specified terminals
- Over voltage protection
- Basic Models: M2-2 / M2-4 / M2-6 / M2-8
- Advanced Models: M2-12 / M2-16 / M2-20 / M2-24
- Available in 12, 16, 20 and 24 windows respectively
- Available in wide auxiliary voltage range of 85-270V AC/DC.
- Advanced Models with additional features: M2-12R / M2-16R / M2-24R
- RS485 output signals are available for displaying Fault and healthy status of each window.
- Repeat relay cards having 8 (C-NO) outputs can be supplied on order to connect the main unit to 1, 2 or 3 relay cards (as required) in a daisy chain arrangement and achieve one output for each window.
- Internal Resettable fuse for protection of device against voltage fluctuations. Digital display will blink whenever voltage exceeds specified voltage range. Switch off the unit for sometime & then switch on when voltage returns to normal.

Specifications

Model	M2-24	M2-20	M2-16	M2-12
Function	Programmable fault annunciator			
Rated supply voltage	85V to 270V AC / DC			
Stand by supply voltage	12V DC \pm 10%			
Rated frequency	50 / 60Hz \pm 5%			
Power Consumption	AC approx 35 VA / DC approx 20W			
No. of windows	24 windows	20 windows	16 windows	12 windows
Fault input contacts	Selectable NO / NC type for each window			
Window colour	Red			
Control output (No. of relays)	4 : Trip Relay (C, NC, NO), Alarm relay (C, NC, NO), AC fail relay (C, NO), Hooter Relay (C, NO)			
Contact rating	1 c/o rated for 5A @ 250V AC / 28V DC, resistive load			
Test facility	Available (operational test)			
Flash rate	Fast : 100 per minute Slow : 50 per minute			
Standard sequence	Manual reset, Auto reset, Manual reset + Repeat Alarm, First in First out (FIFO)			
Recovery time	2 Sec minimum			
Ambient temperature	Operation : -10°C to +55°C, Storage : -25°C to +80°C			
Humidity	Max. 85% RH @ 40°C			
Service life (under no load)	10 ⁶ operations minimum			
Electrical life (under full load)	10 ⁵ operations minimum			
Insulation resistance	>100M ohms @ 500V DC			
Di-electrical strength	1. 2.5KV AC, 50Hz for 1minute. (Between current carrying and non-current carrying parts). 2. 1.5KV AC, 50Hz for 1minute. (Between contacts and control circuit). 3. 750V AC, 50Hz for 1minute. (Between non-continuous contacts of the relay).			
Electrical connection	Screw type terminals with self lifting clamps			
Window size(W x H)	28.0 mm ²	Big Window : 28.0mm X 63.0mm Small Window : 28.0 mm ²		28.0mm X 63.0mm
Dimension (over-all)	291 x 186.5 x 79mm (WxHxD)			
Enclosure (series)	'N' series			