

M2-Series Annunciators – Basic Models

M2-4/M2-6/M2-8

Features

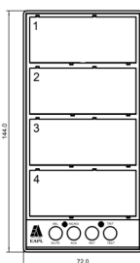
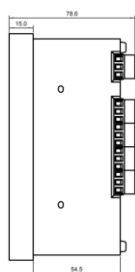
- Super bright, White color SMD LED for fault indications.
- Available in 2, 4, 6 and 8 windows respectively.
- Test / Mute / Acknowledge / Reset buttons in front and terminals at rear are available.
- Program enabling / disabling facility available at rear.
- User-selectable sequence of operations-Manual/Auto reset.



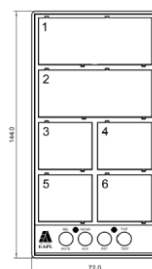
Ordering Information

Models	No of Windows	Source Voltage	Output
M2-4	4	85-270V AC/DC or 18-90V AC/DC	2 relays 1c/o (C-NO), (trip/Alarm),
M2-6	6		
M2-8	8		

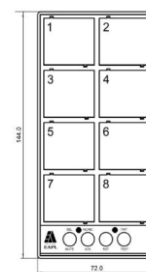
Side & Front View M2-4



M2-6



M2-8



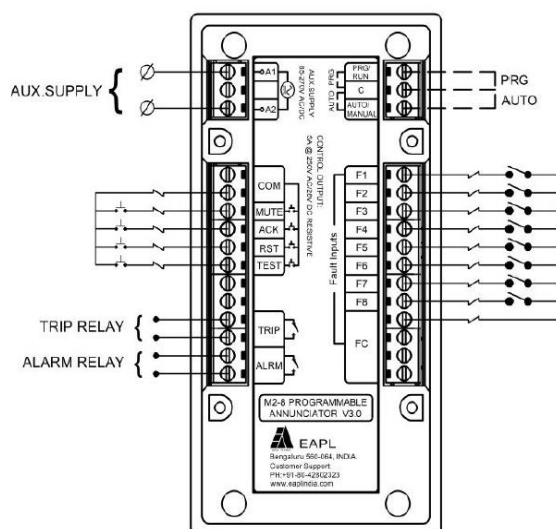
Over-all and cut-out Dimensions

Models	Dimension Details in mm			Cut-out Dimension in mm	
	W	H	D	W	H
M2-4/6/8	72	144	79	66	139

■ Specifications

Parameters	Models	M2-4	M2-6	M2-8
Function		Programmable Fault Annunciator		
Supply Voltage		85-270V AC/DC or 18-90V AC/DC		
Power Consumption		For 85-270V AC/DC : AC: 15VA Approx. DC:10W Approx. For 18-90V AC/DC : AC: 10VA Approx. DC:5W Approx.		
Rated Frequency		50 / 60Hz \pm 5% AC ONLY		
No of Windows		4	6	8
Fault input contacts		Selectable NO/ NC type for every channel(No Volt)		
Window colour		Red		
Window Size		68.0mm X31.0mm(LXW)	68.0mm X 31.0mm(LXW) 34.0mm X 31.0mm(LXW)	34.0mm X 31.0mm(LXW)
Control Output		2 TRIP Relay , Alarm Relay		
External Push Buttons		Provided		
Contact Rating		1 C/ O Rated for 5A @ 250 VAC / 28V DC resistive load		
Test Facility		Provided (operational test)		
Fault Sensitivity		100msec \pm 10mSec		
Sequence of Operation		a) Manual reset b) Auto reset		
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		
Humidity		85% RH @ 40°C		
Ambient Temperature		Operating : -10 ⁰ C to +55 ⁰ C Storage : -25 ⁰ C to +80 ⁰ C		
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)		
Electrical Connection		Screw type terminals with self lifting clamps		
Over-all Dimension(WXHXD)		72 x 144 x 79 mm		
Cut-out Dimension(WXH)		66 x 139 mm		

Connection Details



Terminal Details

Aux Supply: 85-270V AC/DC or 18-90V AC/DC

TEST, MUTE, ACK, RESET: External Push Buttons for remote operations connected WRT COM

Alarm & Trip relay: Alarm and Trip output indication

C- PRG / RUN: Short-PRG Mode Open: RUN MODE

C- AUTO / MANUAL: Short-AUTO Mode Open: MANUAL MODE

Individual fault I/P terminals for respective window (Potential free). Connect WRT Fault COM (FC):

F1----F4: for 4 Windows

F1----F6: for 6 Windows

F1----F8: for 8 Windows

FC: Common fault (FC) I/P terminals for F1-F4, F1-F6, F1-F8