

A Caution:

1. Please check polarity of DC power input before connecting.

2. Load connection :

I. For load current less than 0.5A.



II. For bigger loads, use interposing relay/contactor.



Snubber Part No.: APRC-01. Note : Use snubber as shown above to increase the life of internal relay

- Change the settings of modes, time range, time scale or division knobs only when the unit is powered off.
- 4. Fuse protection : The equipment does not have any built-in fuse. Fuse rating of 275VAC/1A is recommended.

EMC Installation Guidelines:

- 1. Use proper input power cables with shortest connections and twisted type.
- 2. Layout of connecting cables must be away from any internal EMF source

Mechanical Installation Guidelines:

- 1. The equipment uses 8-Pin Relay Socket with a clamp for T-type Din-Rail.
- 2. Ensure unit is correctly fitted on to the 8-Pin Socket.
- 3. Slide the equipment using appropriate tools and holding the unit from the front side, slide it over the fixed rail.
- Malfunction may occur if above instructions are not followed

SPECIFICATIONS

Time Setting Range	: 0.05sec - 300hour		
Supply Voltage	: 20-240VAC / DC,		
	50/60Hz		
Power Consumption	: Max 5VA		
Contact type	: 2 SPDT (1C/O)		
Contact capacity	: 250VAC,		
	6A resistive load		
Electrical life of relay	: 100,000 operations		
Mechanical life	: 10,000,000		
of relay	operations		
Accuracy Setting	: ±5% of full scale or		
	±50ms (whichever		
	is greater)		
Repeat	: ±0.5% ±50ms		
	(whichever is greater)		
Environmental conditions :			
Operating	: 0 to 50°C		
Storage	: -20 to 75°C		

Humidity : 95%RH Pollution degree : 2 Mechanical specification :

Mounting : Plug

Weight: 100 gmsComplianceC €

DIMENSIONS (All are in mm.)





Clamp

Panel Cutout



FRONT PANEL DESCRIPTION



- 1. Red LED indicates Relay R1 & Green LED indicates Relay R2
- 2. Knob for Operating mode Selection
- 3. Red LED indicates Power ON
- Knob for time selection (The marking 1 to 10 represents timing in proportion to full scale time range)
- 5. Knob for time range selecction
- 6. Knob for time scale selection

TIME SPE		
Time range	Time unit	Time setting range
0.5	S	0.05 to 0.5 sec
1		0.1 to 1 sec
3		0.3 to 3 sec
5		0.5 to 5 sec
10		1 to 10 sec
0.5	М	0.05 to 0.5 min
1		0.1 to 1 min
3		0.3 to 3 min
5		0.5 to 5 min
10		1 to 10 min
0.5		0.05 to 0.5 hour
1		0.1 to 1 hour
3	н	0.3 to 3 hour
5		0.5 to 5 hour
10		1 to 10 hour
0.5		0.5 to 5 hour
1	10H	1 to 10 hour
3		3 to 30 hour
5		5 to 50 hour
10		10 to 100 hour
0.5		1.5 to 15 hour

Note : Time range x Time unit = Maximum time setting range

3 to 30 hour

9 to 90 hour

15 to 150 hour

30 to 300 hour

TERMINAL CONNECTIONS

30H

1

3

5

10

8-PIN PLUG-IN TYPE







Note :

- When using mode E, F, G & H, setting a very small time may not guarantee proper operation. Set time more than 100ms.
- 2. When using mode I & J : t = Run Up Time
 - t1= Pause Time

ORDER CODE INFORMATION		
Product	Supply	Certification
55MF-P8	20-240 VAC/DC 50/60Hz	CE

(Specifications are subject to change, since development is a continuous process.)

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DOC. NAME:OP INST 55MF-P8 OP2056-V01(Page 2 of 2)