55MF-P11 EMC In

SELEC

Operating Instructions



▲ Caution:

- While connecting START, INHIBIT, RESET please make sure to use terminal 2 as a common terminal (as shown in connection diagram). Using terminal 10 as a common terminal, may result in inappropriate
- _ operation
 - 2. Please check polarity of DC power input before connecting.
- 3. 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

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

EMC Installation Guidelines:

- 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 11-Pin Relay Socket with a clamp for T-type Din-Rail.
- 2. Ensure unit is correctly fitted on to the 11-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

SFLOIFICATIONS		
Time Setting Range Supply Voltage	: 0.05sec - 300hour : 20-240VAC / DC, 50/60Hz	
Power Consumption	: Max 5VA	
Input Power Rating	: 20-240V AC/DC,	
(Start, Inhibit, Reset)	50/60Hz	
Min input signal time	: 50ms	
(Start, Inhibit, Reset)	1	
Reset time	: 100ms	
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 :

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Mounting	: Plug
Weight	: 100 gms
Compliance	CE

DIMENSIONS (All are in mm.)





Panel Cutout

Clamp



ime range	Time unit	Time setting range
0.5		0.05 to 0.5 sec
1	S	0.1 to 1 sec
3		0.3 to 3 sec
5		0.5 to 5 sec
10		1 to 10 sec
0.5		0.05 to 0.5 min
1	М	0.1 to 1 min
3		0.3 to 3 min
5		0.5 to 5 min
10		1 to 10 min
0.5	н	0.05 to 0.5 hour
1		0.1 to 1 hour
3		0.3 to 3 hour
5		0.5 to 5 hour
10		1 to 10 hour
0.5		0.5 to 5 hour
1		1 to 10 hour
3	10H	3 to 30 hour
5	1011	5 to 50 hour
10		10 to 100 hour
0.5		1.5 to 15 hour
1		3 to 30 hour
3	30H	9 to 90 hour
5		15 to 150 hour
10		30 to 300 hour

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

TERMINAL CONNECTIONS

11-PIN PLUG-IN TYPE



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
- 4. 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









4. When using mode C and D, setting a very small

time may not guarantee proper operation. Set time more than 100ms.

opened.

ORDER CODE INFORMATION			
Product	Supply	Certification	
55MF-P11	20-240 VAC/DC 50/60Hz	CE	

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

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