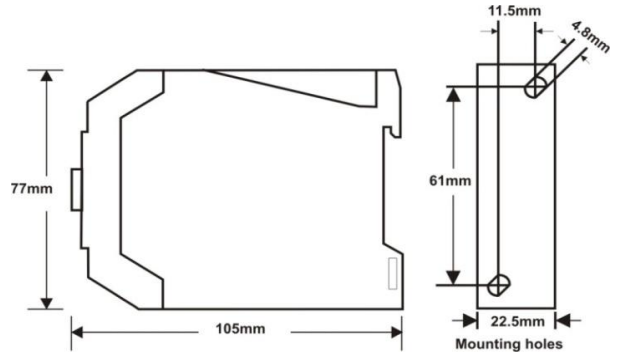# ANALOG TIMER : TAFR-8M-U
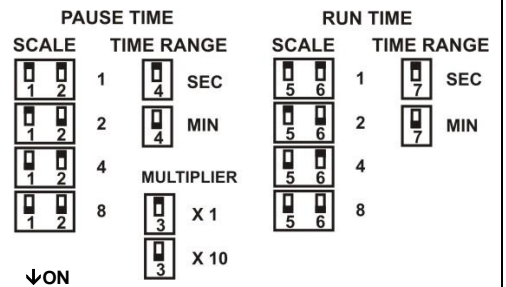

Forward - Reverse
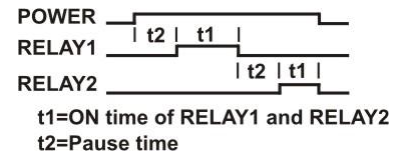

Dimensions

All dimensions in mm
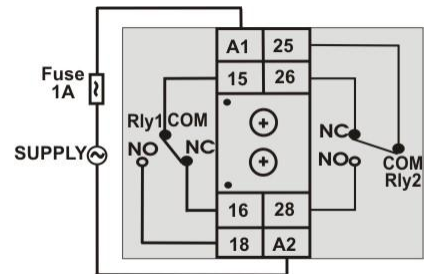
FEATURES	• Forward – Pause – Reverse • RUN Time : 1 Sec – 8 Min • Pause Time : 1 Sec – 80 Min • Universal Supply Voltage • Low Cost • High Reliability • Compact • DIN Rail / Base Mounting	**TIME RANGES** RUN TIME : 0 - 1/2/4/8/ SEC / MIN Pause Time : 0 - 1/2/4/8/10/20/40/80 Sec / Min (switch selectable) (Refer NOTE below)

Switch Settings

OPERATING MODES	Forward – Pause – Reverse	
INDICATIONS	LED Status Indicator : Power ON, Relay ON	
SUPPLY VOLTAGE	SUPPLY VOLTAGE	20 to 240V AC , 47 – 63Hz or 12 to 240V DC (Refer ordering information below)
	POWER CONSUMPTION	2VA Max
	INRUSH CURRENT	Max. 5A@240V AC for 20ms, 500mA@12VDC
ISOLATION	Supply Terminals – Contacts : 1.5KV, 1min Contact Set1 – Contact Set2 : 1.5KV, 1min	
OUTPUT SPECIFICATION	OUTPUT CONTACT	1 C/O each for Forward & Reverse
	CONTACT RATING	5A@230V AC / 24V DC, Resistive
ACCURACY	Setting : ±5% of Full Scale, Repeat : ±0.5% or 50msec of Full Scale.	
RESET	On interruption of power, Reset time < 100msec	
ENDURANCE	POTENTIOMETER	MECHANICAL : 1000 Cycles
	RELAY	MECHANICAL : 10,000,000 ops. Minimum (1800 ops./hr.) ELECTRICAL : 100,000 ops. Minimum (1200 ops./hr.)
AMBIENT CONDITIONS	OPERATING AMBIENT	0~55°C, 85% RH
	STORAGE AMBIENT	-20°C to 85°C
	HUMIDITY	95% RH non condensing
GENERAL SPECIFICATIONS	TERMINATIONS	Screw type, for 2.5mm sq. wire
	MOUNTING	DIN rail / Base Mount
	WEIGHT	120 gms
	PROTECTION LEVEL	IP40 for housing, IP20 for terminals, Finger Safe Terminals

Timing Diagram

POWER / RELAY1 / RELAY2

t1=ON time of RELAY1 and RELAY2
t2=Pause time

	TAFR – 8M – U	
ORDERING INFORMATION	DESIGN NO.	SUPPLY VOLTAGE
	TAFR-8M	U : 20 to 240V AC , 47-63Hz or 12 to 240V DC

Terminal Connections

NOTE : If the time setting is altered , it will be effective from next cycle.

SHAVISON®