

# Universal Digital Multi-Timer

Altech's AMT-Series of Universal Digital Multi-Timers comprises 4 models featuring 8 or 18 timer functions to offer highest flexibility in controlling operations. The time range is adjustable from 0.1s to 999h. An LCD display shows current run time information.

## Features

- Multifunctional Timer (8 or 18 Functions)
- Universal Voltage 24~265 VAC/ DC
- Wide Time Range: 0.1s ~ 999h
- 3 Digit LCD Display for Preset Time and Run Time
- DIN Rail Mounted
- 17.5mm Width

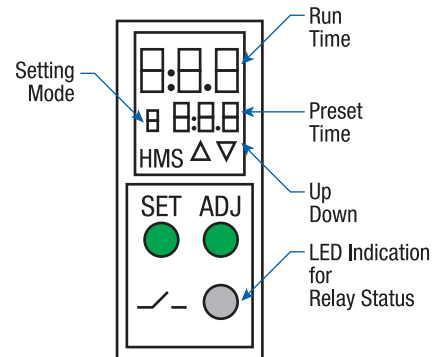


## Digital Timers

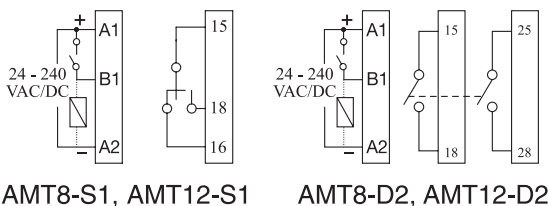
Cat. No.	AMT8-S1	AMT8-D2	AMT12-S1	AMT12-D2
Output Contacts	1 C/O	2 NO	1 C/O	2 NO
No. of Timer Functions	8	8	18	18
Functions / [setting mode]	1) ON Delay [A]		1) ON Delay [□]	
	2) Cyclic OFF/ ON [b]		2) Cyclic OFF/ ON [1]	
	3) Cyclic ON/ OFF [c]		3) Cyclic ON/ OFF [2]	
	4) Signal ON/ OFF [d]		4) Impulse on Energizing [3]	
	5) Signal OFF Delay [E]		5) Accumulative Delay on Signal [4]	
	6) Interval [F]		6) Accumulative Delay on Inverted Signal [5]	
	7) Signal OFF/ ON [G]		7) Accumulative Impulse on Signal [6]	
	8) One Shot Output [H]		8) Signal ON Delay [7]	
			9) Inverted Signal ON Delay [8]	
			10) Signal OFF Delay [9]	
			11) Impulse ON/ OFF [a]	
			12) Signal OFF/ ON [b]	
			13) Leading Edge Impulse 1 [c]	
			14) Leading Edge Impulse 2 [d]	
			15) Trailing Edge Impulse 1 [E]	
			16) Trailing Edge Impulse 2 [F]	
			17) Delayed Impulse [G]	
			18) Inverted Signal ON Delay 2 [H]	

## Specifications

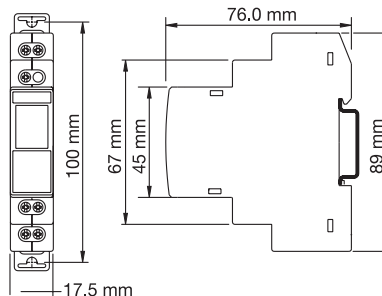
Supply Voltage	24 - 265 VAC/ DC (50, 60Hz)
Power Consumption	10 VA max.
Timing Range	0.1s ~ 999h
Reset Time	200ms max.
Repeat Accuracy	+/-0.5%
Output Contact Rating	8A @ 240 VAC/ 24 VDC (resistive)
Electrical Life	10,000 switching cycles
Mechanical Life	2,000,000 switching cycles
AC-15 Rating	Rated Voltage (Ue): 125/ 240V, Rated Current (Ie): 3/1.5A
DC-13 Rating	Rated Voltage (Ue): 125/ 250V, Rated Current (Ie): 2/0.22/0.1A
Operating Temperature	-10°C ~ +55°C (+14°F ~ 131°F)
Storage Temperature	-20°C ~ +65°C (-4°F ~ 149°F)
Weight	85g (0.14lb.)
Protection Enclosure	IP30
Protection Terminals	IP20
Torque	0.40 Nm (3.5 lb.in.)
Terminal Wire Size	0.3-2.5 mm <sup>2</sup> (22-14 AWG)



## Connection Diagrams



## Dimensions

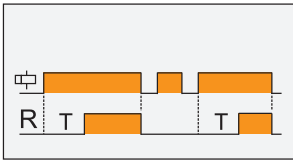


Scan this QR code for more information.

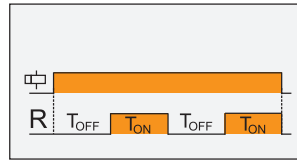


AMT8 (8 Functions)

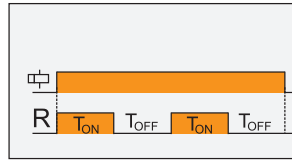
ON DELAY [F]



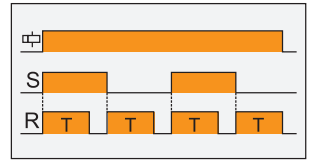
CYCLIC OFF/ON, (Sym, Asym) [b]



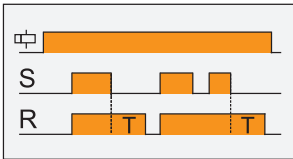
CYCLIC ON/OFF, (Sym, Asym) [c]



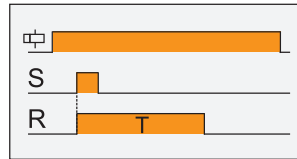
SIGNAL ON/OFF [d]



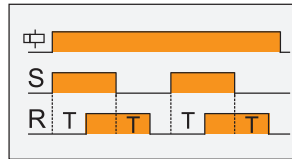
SIGNAL OFF DELAY [E]



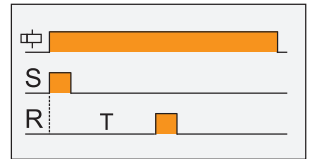
INTERVAL [F]



SIGNAL OFF / ON [G]

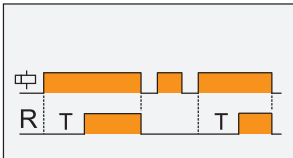


ONE SHOT OUTPUT [H]

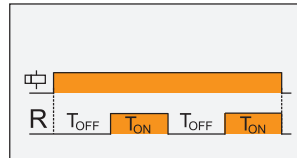


AMT12 (18 Functions)

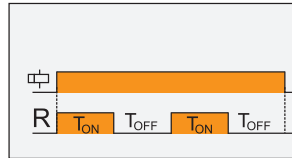
ON DELAY [Q]



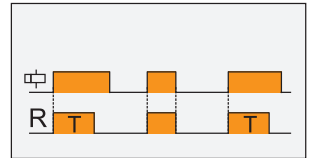
CYCLIC OFF/ON, (Sym, Asym) [1]



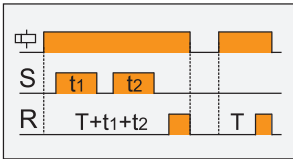
CYCLIC ON/OFF, (Sym, Asym) [2]



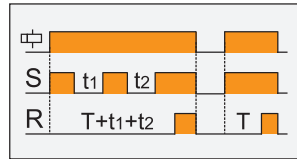
IMPULSE ON ENERGIZING [3]



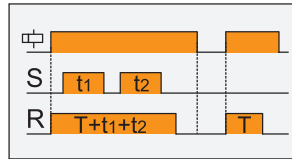
ACCUMULATIVE DELAY ON SIGNAL [4]



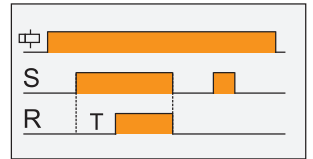
ACCUMULATIVE DELAY ON INVERTED SIGNAL [5]



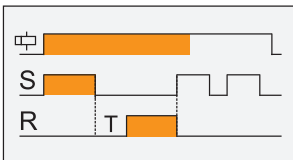
ACCUMULATIVE IMPULSE ON SIGNAL [6]



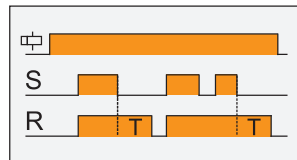
SIGNAL ON DELAY [7]



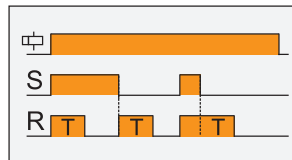
INVERTED SIGNAL ON DELAY [8]



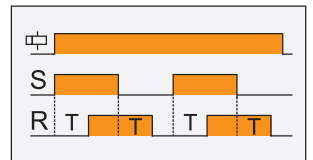
SIGNAL OFF DELAY [9]



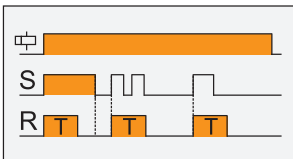
IMPULSE ON/OFF [F]



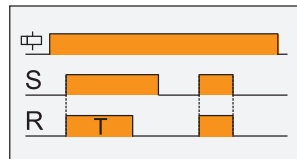
SIGNAL OFF/ON [b]



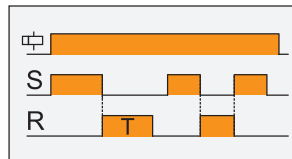
LEADING EDGE IMPULSE1 [c]



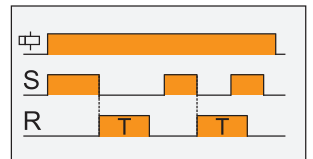
LEADING EDGE IMPULSE2 [d]



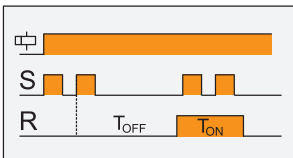
TRAILING EDGE IMPULSE1 [e]



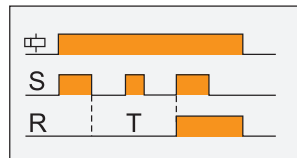
TRAILING EDGE IMPULSE2 [F]



DELAYED IMPULSE [G]



INVERTED SIGNAL ON DELAY-TYPE 2 [H]



- ⊕ Supply Voltage
- S Signal B1
- R Relay Output
- T Set Time
- T<sub>ON</sub> Set ON Time
- T<sub>OFF</sub> Set OFF Time