



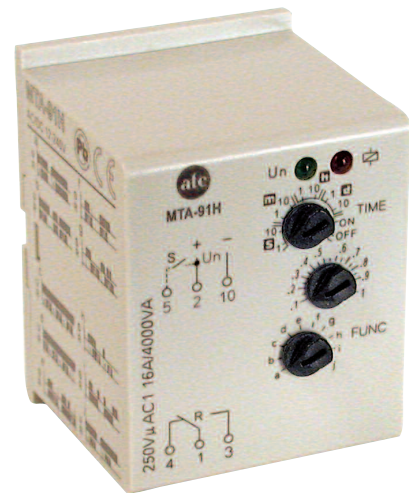
# MTA

## Multi-Function Time Relay

- Plug-In Convenience
- 10 Timing Modes
- Ranges—0.1 sec to 10 Days

### Functions

A powerful timer in a small package, the new ATC model MTA-91H Multi-function Time Delay Relay delivers unsurpassed performance in a plug-in package. Select from 10 configurable timing modes and a timing range from 0.1 sec to 10 days to meet your specific needs. Universally powered from 12-240 VAC/VDC, the MTA-91H allows users to stock one timer for many timing applications.



SPECIFICATIONS		OTHER INFORMATION	
Number of Functions	10	Operating Temperature	-20 to +55°C (-4 to +131°F)
Supply Voltage	AC/DC 12–240 V	Storage Temperature	-30 to +70°C (-22 to +158°F)
Consumption	AC 0.7 – 3 VA / DC 0.5 – 1.7 W	Electrical Strength	4kV
Supply Voltage Tolerance	-15% to +10%	Operating Position	any
Supply Indication	Green LED	Mounting	11-Pin Plug-in
Time Ranges	0.1 sec to 10 Days	Protection Degree	IP 40
OUTPUT		Max. Connection Cable Size	Max. 2.5mm <sup>2</sup> / Cavern 1.5mm <sup>2</sup>
Contacts	1 @ 16A SPDT	Dimensions (mm)	1.97" x 1.50" x 2.09" (50 x 38 x 53mm)
Breaking Capacity	4000 VA / AC, 384 W / DC	Weight	57 g (2 oz.)
Inrush Current	30 A / <3 sec	Standards	EN 61812-1, EN 61010-1
Min. Breaking Capacity	500 mW	ORDERING INFORMATION	
Output Indication	Red LED	MTA Timer	MTA-91H
Mechanical Life	3x10 <sup>7</sup>	11-Pin DIN-Rail Socket	PF113A
Impulse Length	Min. 25 mS / max. unlimited		
Reset Time	Max. 150 mS		

## Functions

On-Delay



Off-Delay



Repeat Cycle with On-Delay



Repeat Cycle



Off-Delay 2 after de-energization



Off-Delay responding to make of control contact regardless its length



Off-Delay after break of control contact with instant output



Off-Delay after make and break of control contact



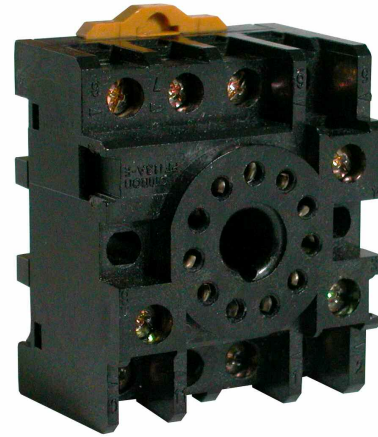
Latching relay



Pulse generator (PULSE=0.5s)

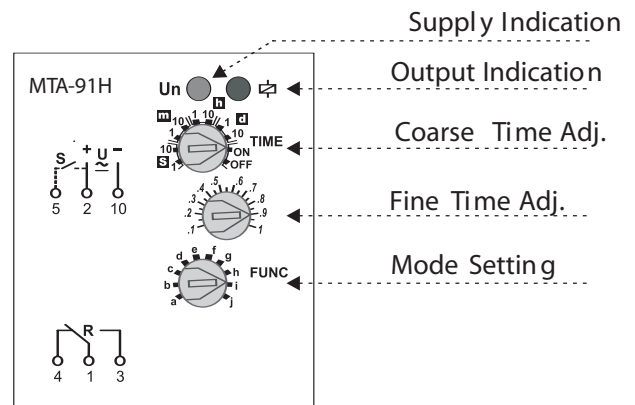


## Socket

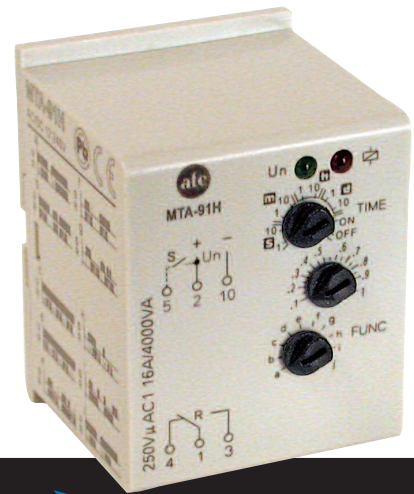
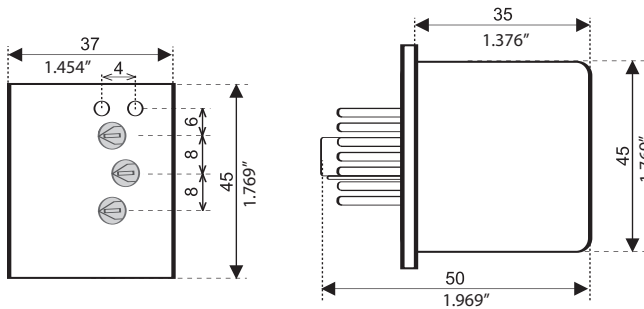


PF113A  
10A Rating

## Operation



## Dimensions [mm]



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