



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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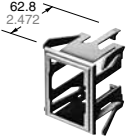
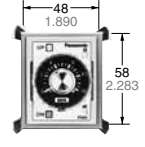
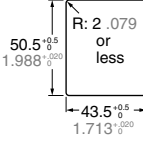
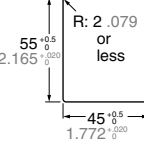
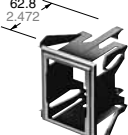
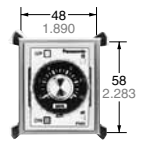
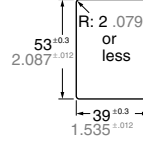
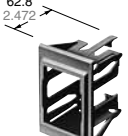
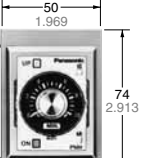
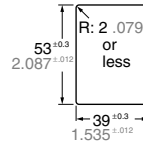
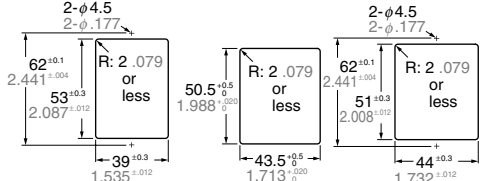
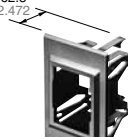
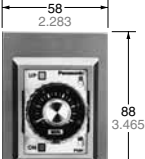
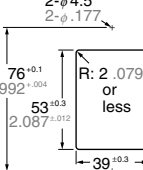
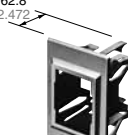
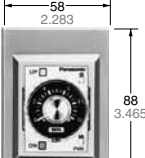
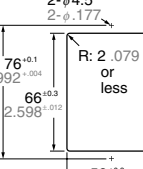
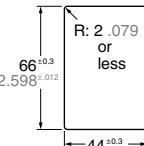
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



COMPACT SIZE TIMER COMMON OPTIONS

Flush Type

1. Flush type mounting frame

Appearance	Color	Part number	Front View (Installing onto control panel)	Mounting Hole Dimensions (Unit: mm inch)	
				Recommended Hole (For newly designed frame)	Applicable Mounting Hole (For installing in the old hole)
	Gray	AT7851			
	Black	AT7852			
	Silver Gray	AT7853			
	Gray	AT7811			
	Black	AT7812			
	Silver Gray	AT7813			
	Gray	AT7821			
	Black	AT7822			
	Silver Gray	AT7823			
	Gray	AT7831			
	Gray	AT7841			

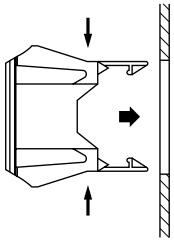
Notes:

1. The thickness of all applicable panels ranges from 1.0 to 3.5 mm .039 to .138 inch.
2. * indicates the distance between the mounting holes which are parallel cut on the panel.

COMPACT SIZE TIMER COMMON OPTIONS

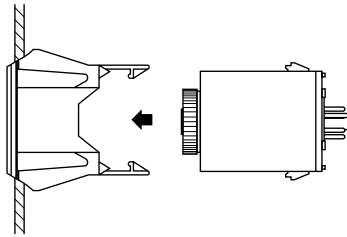
Installation

1. Insert the mounting frame surface into the panel from its front surface.

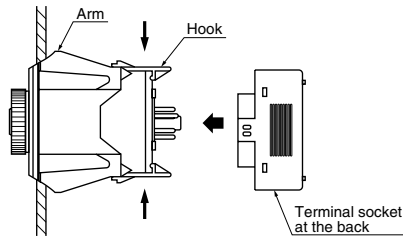
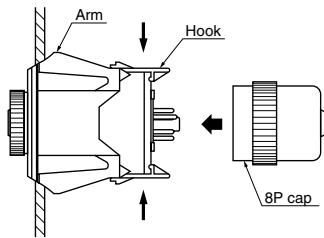


Note: The panel which is installed onto the flush type mounting frame for the timer cannot be inserted. (However, the installation order is not specified when the flush type mounting frame (type S) is used.)

2. After installing the panel, insert the timer to be used from the back of the panel.



3. Hang the hooks on the timer base to secure the timer to the flush type mounting frame.



When an applicable timer comes in contact with the collar of the mounting frame, stop the timer by pressing the upper and lower hooks in the direction indicated by arrow. Use the terminal socket at the back (AT78041) or the 8P cap (AD8-RC) for the connection wiring.

Removal

Remove the timer in the reverse order of installation.

Compact timer protective cover

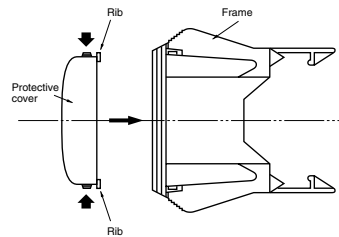


N-TC

Features

1. The cover prevents the timer from operating improperly after setting the time. It also works as a compact dust cover.
2. The cover is applicable for all types of the fingertip flush type mounting frames for the compact timer.

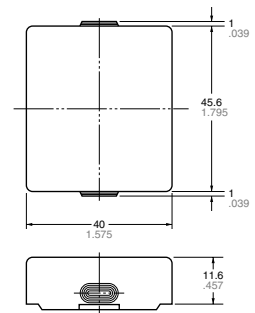
Installation



Press the points on the protective cover (indicated by arrows) to bend the ribs, and hook the ribs inside the mounting frame window. The protective cover can be installed if the timer is inserted into the mounting frame.

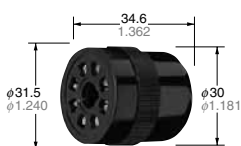
Dimensions (Unit: mm, inch)

Tolerance: $\pm 0.3 \pm .012$

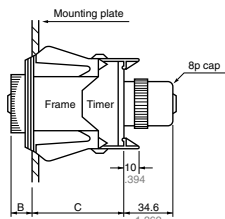


- **8P cap** When a flush type mounting frame is used for the exposed type, 8P cap should be installed.

When installing 8P cap:



AD8-RC

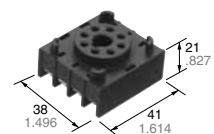


The dimensions B and C are shown in the table below. (Unit: mm, inch)

Mounting frame to be used	Dimension B	Dimension C
Type H Type K	13.1	52.8
Type MHP Type MHP-M Type S	14.6	51.3

- **Rear terminal socket: M3.5** The terminal socket can be used for two installation methods for the back and the front!

Tolerance: $\pm 0.1 \pm .004$



AT78041

COMPACT SIZE TIMER COMMON OPTIONS

The protective cover is applicable for the exposed type plug-in and stand-up type timers (PMH, MHP-M, MHP)

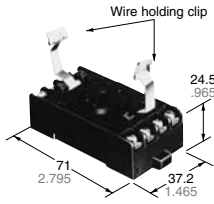
• Compact timer DIN terminal socket: M3.5

Tolerance: $\pm 0.5 \pm .020$

When installing the terminal socket:

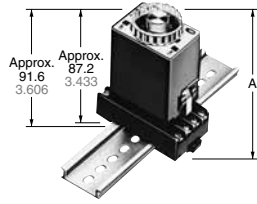
Mounting hole dimensions
Without DIN rails

Wiring diagrams
(TOP VIEW)

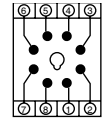
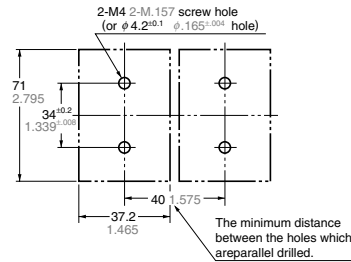


AT8-RFD

All types of our compact size timers can be easily installed on the DIN rail by using this terminal socket.



The height of the DIN rail should be added to the overall height A.



Note: Terminal number on the main body are identical to those on the terminal socket.

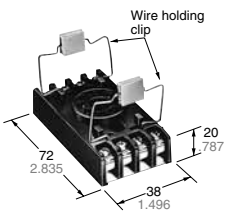
• Compact size round terminal socket: M35

Tolerance: $\pm 0.5 \pm .020$

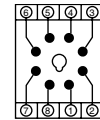
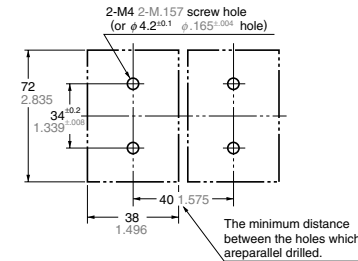
Installing the terminal socket

Mounting hole dimensions

Wiring diagrams
(TOP VIEW)



AT8-RFV



Note: Terminal number on the main body are identical to those on the terminal socket.

• GT pipe socket

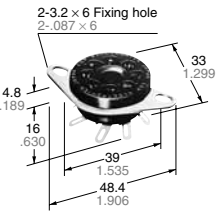
Tolerance: $\pm 0.5 \pm .020$

• Holding clip for stand-up GT pipe

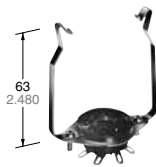
Tolerance: $\pm 1.0 \pm .039$

Installing the holding clip

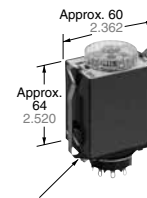
Mounting hole dimensions



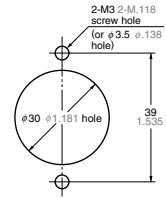
AW68102



AT7808



Use the M3 screws for installation.



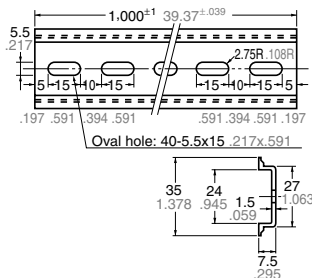
Pitch for installing the timer
When installing the clips vertically, the pitch for the timer should be 79 mm or more.

• Mounting rail (Applicable for DIN, IEC standards)

• Fastening plate



AT8-DLA1
Length: 1 m
Aluminum



ATA4806

