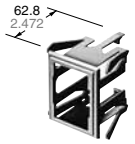
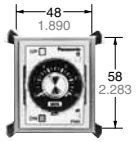
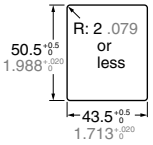
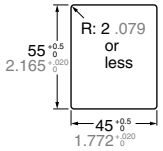
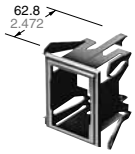
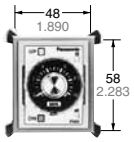
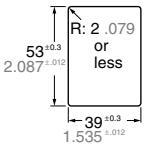
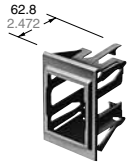
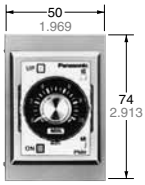
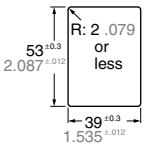
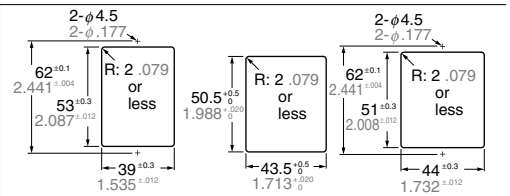
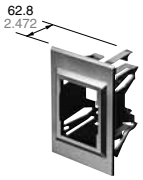
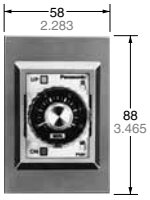
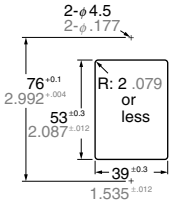
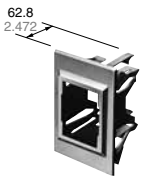
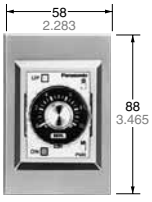
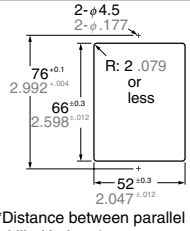
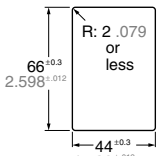
COMPACT SIZE TIMER COMMON OPTIONS

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		 *Distance between parallel drilled holes: 6.5 mm or more	 *Distance between parallel drilled holes: 5 mm or more
	Black	AT7852			
	Silver Gray	AT7853			
	Gray	AT7811		 *Distance between parallel drilled holes: 11 mm or more	
	Black	AT7812			
	Silver Gray	AT7813			
	Gray	AT7821		 *Distance between parallel drilled holes: 13 mm or more	 *Distance between parallel drilled holes: 13 mm or more / *Distance between parallel drilled holes: 8.5 mm or more / *Distance between parallel drilled holes: 8 mm or more
	Black	AT7822			
	Silver Gray	AT7823			
	Gray	AT7831		 *Distance between parallel drilled holes: 21 mm or more	
	Gray	AT7841		 *Distance between parallel drilled holes: 8 mm or more	 *Distance between parallel drilled holes: 16 mm or more

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.

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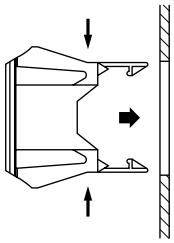
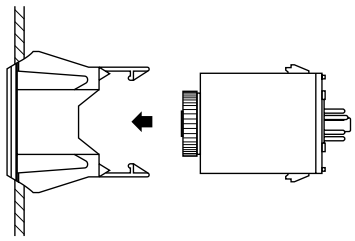
Installation

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



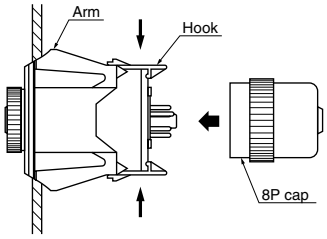
Note: The panel which is installed onto the flush type mounting frame for the timer cannot be inserted. (However, the installation order is not specified when the flush type mounting frame (type S) is used.)

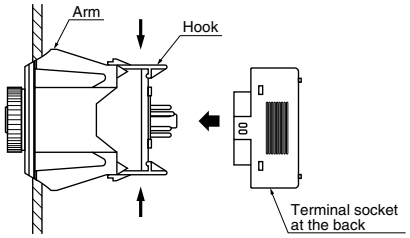
2. After installing the panel, insert the timer to be used from the back of the panel.



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.

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





Removal

Remove the timer in the reverse order of installation.

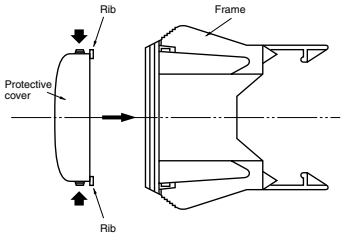
Compact timer protective cover

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.

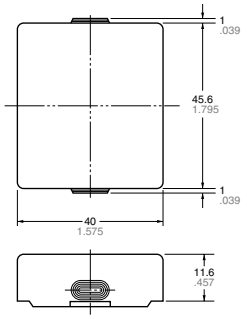
Installation



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.

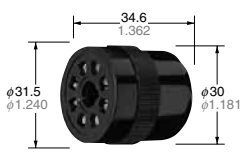
Dimensions (Unit: mm, inch)

Tolerance: ±0.3 ±.012

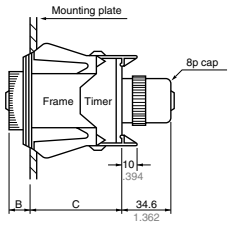


• 8P cap When a flush type mounting frame is used for the exposed type, 8P cap should be installed.

When installing 8P cap:



AD8-RC

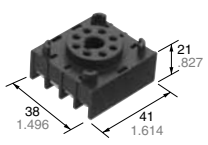


The dimensions B and C are shown in the table below.
(Unit: mm, inch)

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: ±0.1 ±.004



AT78041

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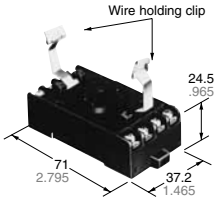
COMPACT SIZE TIMER COMMON OPTIONS

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

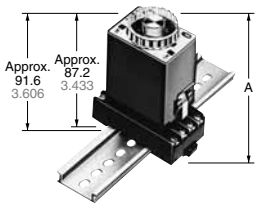
Tolerance: ±0.5 ±.020



AT8-RFD

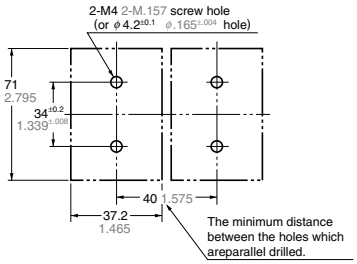
All types of our compact size timers can beeasily installed on the DIN rail by using this terminal socket.

When installing the terminal socket:

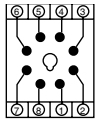


The height of the DIN rail should be added to the overall height A.

Mounting hole dimensions
Without DIN rails



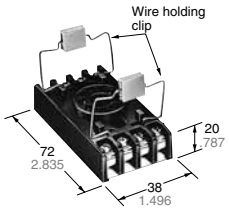
Wiring diagrams (TOP VIEW)



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

• Compact size round terminal socket: M35

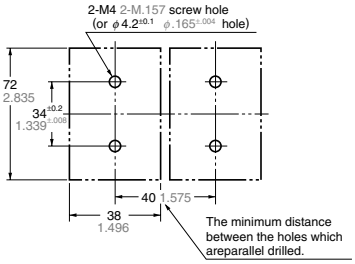
Tolerance: ±0.5 ±.020



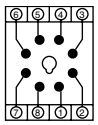
AT8-RFV

Installing the terminal socket

Mounting hole dimensions



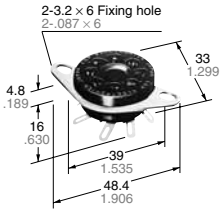
Wiring diagrams (TOP VIEW)



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

• GT pipe socket

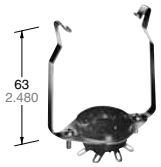
Tolerance: ±0.5 ±.020



AW68102

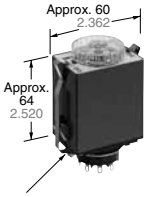
• Holding clip for stand-up GT pipe

Tolerance: ±1.0 ±.039



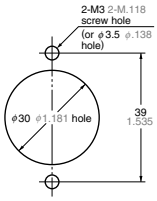
AT7808

Installing the holding clip



Use the M3 screws for installation.

Mounting hole dimensions

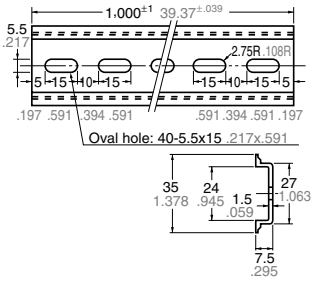


Pitch for installing the timer

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

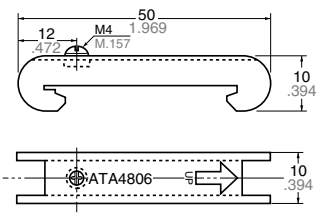
• Mounting rail (Applicable for DIN, IEC standards)

AT8-DLA1
Length: 1 m
Aluminum



• Fastening plate

ATA4806



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