imall

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!



Contact us

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1421

Hour Meter TH8 DC Hour Meter

Related Information General terms and conditions...... F-3

Selection guide P.1411~

CROHS compliance

Features

- IP66 waterproof construction The front panel surface keeps water and dust out.
- Includes operation light (LED) The operation LED illuminates so you can quickly verify operation status.

IP66

Typical applications

- Hour counting for leased equipment
- Maintenance management of various equipments

DC-powered hour meters with high environment resistance

PRODUCT TYPES

Installation	Counting range	Operation light	Rated voltage	Model No.		
Danal installation	0 to 0000 0 hours	LED illuminates while operating.	12 V DC	TH833C		
Panel installation	0 to 9999.9 hours		24 V DC	TH834C		

Note: Products are UL and c-UL certified as standard. (Suffix "U" is not required on Model No. when ordering.)

Timers
Time Switches
Counters
Hour Meters
Options
Limit Switches
Temperature Controllers
Solenoids
Fan Motors

Selection Guide
LH2H
TH63/TH64
TH13/TH23
TH14/TH24
TH40
TH8



panasonic.net/id/pidsx/global

LASER SENSORS



FIBER SENSORS

PHOTOELECTRIC SENSORS AREA SENSORS

SAFETY LIGHT CURTAINS/ SAFETY COMPONENTS PRESSURE / FLOW SENSORS INDUCTIVE PROXIMITY SENSORS PARTICULAR

USE SENSORS SENSOR OPTIONS

WIRE-SAVING UNITS WIRE-SAVING SYSTEMS MEASUREMENT SENSORS

STATIC CONTROL DEVICES LASER MARKERS

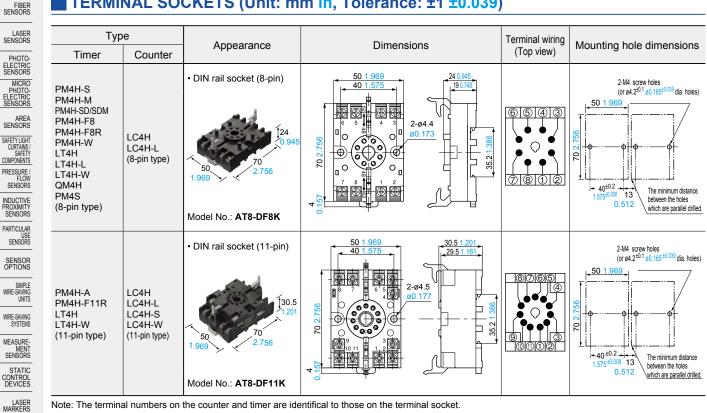
PLC

HUMAN MACHINE INTERFACES ENERGY MANAGEMENT SOLUTIONS

FA COMPONENT

MACHINE VISION SYSTEMS UV CURING SYSTEMS

MEMO



TERMINAL SOCKETS (Unit: mm in, Tolerance: ±1 ±0.039)

Note: The terminal numbers on the counter and timer are identifical to those on the terminal socket.

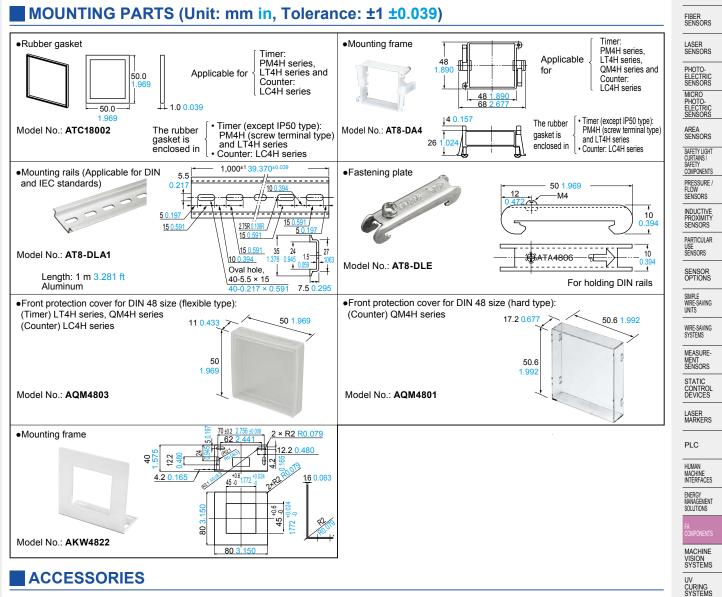
SOCKETS (Unit: mm in, Tolerance: ±1 ±0.039)

PLC

	уре	Appearance	Dimensions	Terminal wiring	Mounting hole
Timer	Counter			(Top view)	dimensions
PM4H-S PM4H-M PM4H-SD/SDM PM4H-F8 PM4H-F8R PM4H-W	LC4H LC4H-L	• Rear terminal socket	16 0.630 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827 0.827		
LT4H LT4H-L LT4H-W (8-pin type) PM4S QM4H	(8-pin type)	• 8P cap 34.6 1.362 • 31.4 ø31.4 ø1.236 ø1.236 ø1.181 Model No.: AD8-RC	# #		
PM4H-A PM4H-F11R _T4H _T4H-W [11-pin type]	LC4H LC4H-L LC4H-S	• Rear terminal socket	M3.5 45 1.772 16 0.197 16 0.630 0 45 6 7 8 3 21 3 21 3 21 3 3 0 3 0 3 4 5 5		
	LC4H-W (11-pin type)	• 11P cap	₹		

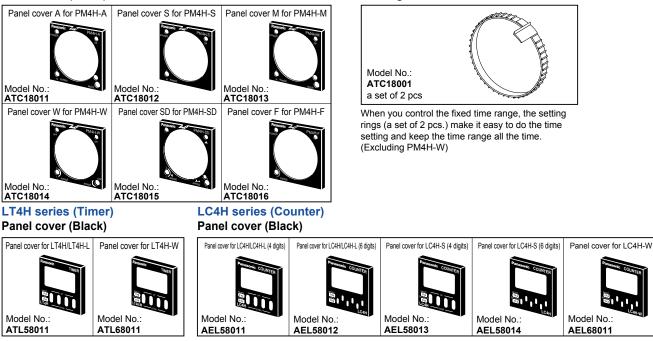
Note: The terminal numbers on the counter and timer are identifical to those on the socket





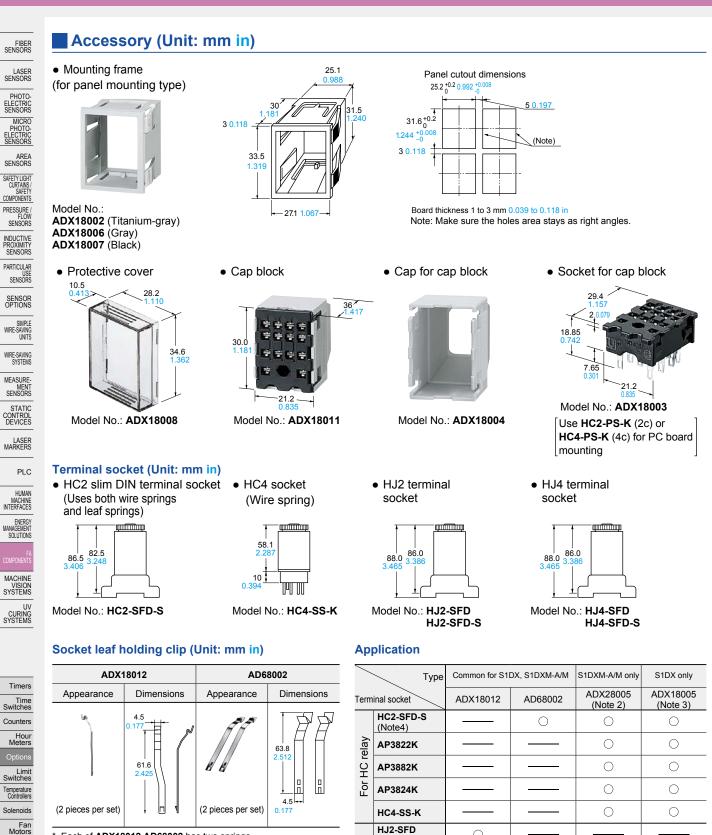
Set ring

PM4H series (Timer) Panel cover (Black)



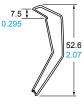
The black panel cover is also available so that you can change the appearance of the panel by changing the panel cover. The color of the standard panel cover is ash gray.

Timers Time Switche Counters Hour Meters Limit Switches Temperature Controllers Solenoids Fan Motors



* Each of ADX18012, AD68002 has two springs.

Socket line holding clip for S1DXM-A/M (Sold separately)



ADX28005

Available. — : Not available

Notes: 1) The triangles " \triangle " indicate that removal will be slightly difficult when installed laterally in succession.

2) The socket line holding clip (ADX28005) is not included with the S1DXM-A/M timer.

3) The socket line holding clip ADX18005 is enclosed in the S1DX timer.

4) For use where there is a lot of vibration and shock, please use a compliant socket leaf holding clip or socket line holding clip.

	Туре	Common for S1	DX, S1DXM-A/M	S1DXM-A/M only	S1DX or
Term	inal socket	ADX18012	AD68002	ADX28005 (Note 2)	ADX180 (Note 3
	HC2-SFD-S (Note4)		0	0	0
elay	AP3822K			0	0
For HC relay	AP3882K			0	0
For	AP3824K			0	0
	HC4-SS-K			0	0
Y	HJ2-SFD (Note4)	0			
HJ relay	HJ2-SFD-S (Note4)	0			
For H.	HJ4-SFD (Note4)				
Ű.	HJ4-SFD-S (Note4)	\bigtriangleup			

FLUSH TYPE (Unit: mm in)

Flush type mounting frame

Appearance	Color	Model No.				
62.8 2.472	Gray	N-TF-H-GR				
	Black	N-TF-H-B				
	Silver gray	N-TF-H-SG				
62.8 2.472	Gray	N-TF-K-GR				
	Black	N-TF-K-B				
	Silver gray	N-TF-K-SG				
62.8 2.472	Gray	N-TF-YC-GR				
GP.	Black	N-TF-YC-B				
	Silver gray	N-TF-YC-SG				
62.8 2.472	Gray	N-TF-Y-GR				

Note: The thickness of all applicable panels ranges from 1.0 to 3.5 mm 0.039 to 0.138 in.

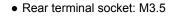
Compact timer protective cover • 8P cap



Model No.: N-TC



Model No.: AD8-RC



Tolerance: ±1 ±0.039 Applicable for 8-pin type

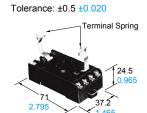


Model No.: AT8-R8K

Applicable for the exposed type plug-in and stand-up type timers (PMH)

When installing

• DIN terminal socket: M3.5





- Model No.: AT8-RFD
- GT pipe socket

Tolerance: ±0.5 ±0.020

2-3.5 × 5 2-0.138 × 0.197 Fixing hole

4.7 1 0.186 16.4 0.646 1 38 496 1 38 496 Model No.: AW68102 Mounting rail (Applicable for DIN and IEC standards)



Model No.: AT8-DLA1

Length: 1 m 3.281 ft Aluminum

Sand Se

Fastening plate

Model No.: AT8-DLE

FIBER SENSORS

LASER SENSORS

PHOTO-ELECTRIC SENSORS

MICRO PHOTO-ELECTRIC SENSORS

AREA SENSORS

SAFETY LIGHT CURTAINS / SAFETY COMPONENTS

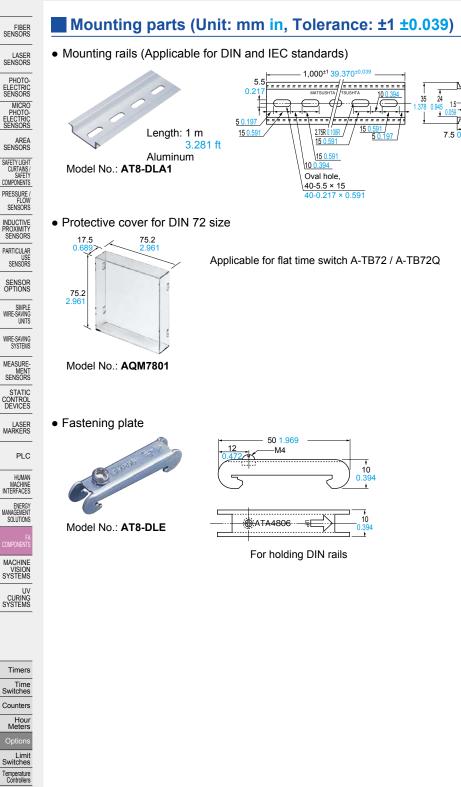
PRESSURE / FLOW SENSORS

INDUCTIVE PROXIMITY SENSORS

PARTICULAR USE SENSORS

SENSOR OPTIONS





Solenoids Fan Motors



Accessories (for LC2H total counter)

Panel cover (black)



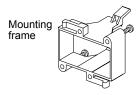
Model No.: AEL3801

You can change the design of the front panel by replacing it with this black panel cover. The counter comes with an ash gray panel cover as standard.

Note: No panel cover accessory (black) is available for LC2H preset counter.

Installation parts

(Suitable for LC2H total counter* and LC2H preset counter)



Model No.: ATH3803

* Packaged with the mounting bracket type LC2H total counter

LH2H series OPTIONS

Accessories (for LH2H hour meter)

Panel cover (black)



Model No.: ATH3801

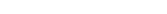
You can change the design of the front panel by replacing it with this black panel cover. The counter comes with an ash gray panel cover as standard.

Note: No panel cover option (black) is available for LH2H preset hour meter.

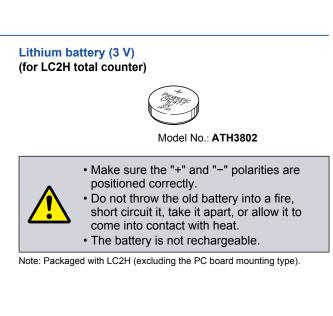
Installation parts

(Suitable for LH2H hour meter* and LH2H preset hour meter)





* Packaged with the mounting bracket type LH2H hour meter



Rubber gasket (Suitable for LC2H total counter* and LC2H preset counter)



Model No.: ATH3804

* Packaged with the mounting bracket type LC2H total counter

Lithium battery (3 V) (for LH2H hour meter)



Model No.: ATH3802



Make sure the "+" and "-" polarities are positioned correctly.
Do not throw the old battery into a fire,

short circuit it, take it apart, or allow it to come into contact with heat.The battery is not rechargeable.

Note: Packaged with LH2H (excluding the PC board mounting type).

Rubber gasket

(Suitable for LH2H hour meter* and LH2H preset hour meter)



Model No.: ATH3804

SAFETY LIGH CURTAINS / SAFETY COMPONENTS PRESSURE / FLOW SENSORS INDUCTIVE PROXIMITY SENSORS PARTICULAR USE SENSORS SENSOR OPTIONS SIMPLE WIRE-SAVING UNITS WIRE-SAVING SYSTEMS MEASURE-MENT SENSORS STATIC CONTROL LASER MARKERS PLC HUMAN MACHINE INTERFACES ENERGY MANAGEMENT SOLUTIONS MACHINE VISION SYSTEMS UV CURING SYSTEMS

FIBER SENSORS

LASER SENSORS

PHOTO-ELECTRIC SENSORS MICRO

PHOTO-ELECTRI SENSOR

AREA SENSORS

Timers Time Switches Counters Hour Meters Options Limit Switches Temperature Controllers Solenoids Fan Motors

* Packaged with the mounting bracket type LH2H hour meter