RoHS compliance

Related Information

- General terms and conditions...... F-3
- Options ...... P.1426
- Selection guide ...... P.1383~



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#### **Features**

- Using a dedicated IC, the operation time variance is ±0.5 %.
- Using the slide, time range switching is easy. Moreover, the scale numbers on the dial and time units can be switched automatically.

Button position  Type				
10 M type	0.05 S to 1.0 S	0.5 S to 10 S	0.05 M to 1.0 M	0.5 M to 10 M
30 M type	0.15 S to 3.0 S	1.5 S to 30 S	0.15 M to 3.0 M	1.5 M to 30 M
10 H type	0.05 M to 1.0 M	0.5 M to 10 M	0.05 H to 1.0 H	0.5 H to 10 H
30 H type	0.15 M to 3.0 M	1.5 M to 30 M	0.15 H to 3.0 H	1.5 H to 30 H

S: Sec, M: Min, H: Hours

 You can use for embedding if you use together with the appropriate flush type mounting frame designed for that purpose (sold separately).

Time selectable

# Compact timers with four switchable time ranges

### **PRODUCT TYPES**

Product	Operating	10 M type	30 M type	10 H type	30 H type	
name	voltage	Model No.	Model No.	Model No.	Model No.	
	100 to 120 V AC	PMH-10M-AC120V	PMH-30M-AC120V	PMH-10H-AC120V	PMH-30H-AC120V	
PMH timer	200 to 240 V AC	PMH-10M-AC220V	PMH-30M-AC220V	PMH-10H-AC220V	PMH-30H-AC220V	
	12 V DC	PMH-10M-DC12V	PMH-30M-DC12V	PMH-10H-DC12V	PMH-30H-DC12V	
	24 V DC	PMH-10M-DC24V	PMH-30M-DC24V	PMH-10H-DC24V	PMH-30H-DC24V	
	48 V DC	PMH-10M-DC48V	PMH-30M-DC48V	PMH-10H-DC48V	PMH-30H-DC48V	
	100 to 110 V DC	PMH-10M-DC100V	PMH-30M-DC100V	PMH-10H-DC100V	PMH-30H-DC100V	

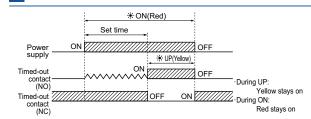
Ordering information	Ex. PMH — 10M — 120 V AC				
Timer type	Time range				

Timer type	Time range			Rated operating voltage		
	10M	0.05 to 1 s	0.5 to 10 s	0.05 to 1 min	0.5 to 10 min	120 V AC: 100 to 120 V AC
PMH Timer	30M	0.15 to 3 s	1.5 to 30 s	0.15 to 3 min	1.5 to 30 min	220 V AC: 200 to 240 V AC
FINIT TITLET	10H	0.05 to 1 min	0.5 to 10 min	0.05 to 1 h	0.5 to 10 h	12 V DC: 12 V DC
	30H	0.15 to 3 min	1.5 to 30 min	0.15 to 3 h	1.5 to 30 h	24 V DC: 24 V DC

#### TIME RANGE

Time range	Scale intervals		
1.0	0.05		
3.0	0.1		
10	0.5		
30	1		

#### **OPERATION MODE**



### PRECAUTIONS DURING USAGE

- In order to maintain the characteristics of PHM timer, do not remove the case.
- Please use within an ambient temperature range of -10 to +50 °C +14 to 122 °F and in humidity no greater than 85 % RH.
- Prevent using PMH timer in such places where flammable or corrosive gas is generated, a lot of dust exists or considerable shock and vibration occur.
- · Since the main body cover and knob are made of polycarbonate resin, prevent contact with organic solvents such as methyl alcohol, benzene and thinner, or strong alkaline materials such as ammonia and caustic soda.
- · Do not make direct solder connections to the round pins.
- · Carefully verify the terminal numbers when wiring the terminal socket and cap.
- · When rotating the knob, note that there are stoppers located just past the "0" side and the full scale side. Therefore, do not use unreasonable force.
- Please use with a time setting that is no less than the minimum time limit. The minimum time limit is indicated on the dial by the mark.
- The contacts will not operate if the needle is adjusted to the "0" position when the power is off.
- · Phase synchronization for AC load switching

When timer output contact will be synchronized to the AC power phase, the electrical life may be compromised and locking (contact reset failure) may occur due to contact welding or contact transference. Therefore, please conduct tests using actual equipment.

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LASER SENSORS

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AREA SENSORS

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PRESSURE / FLOW SENSORS INDUCTIVE PROXIMITY **SENSORS** 

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PM4H series

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S1DX

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