










Timers Selection Guide

	Digital quartz timer						Multi-range analog timer			
FIBER SENSORS	Types									
LASER SENSORS	Shape									
PHOTOELECTRIC SENSORS										
MICRO PHOTOELECTRIC SENSORS	LT4H	LT4H-L	LT4H-W	QM4H	PM4S	PM4H-A	PM4H-S	PM4H-M	PM4H-W	
AREA SENSORS	Dimensions (mm in)						Dimensions (mm in)			
LIGHT CURTAINS	48 × 48 × 72/77.6 1.890 × 1.890 × 2.835/3.055 (Screw terminal/Pin)						48 × 48 × 80.5/84.5 1.890 × 1.890 × 3.169/3.327 (Screw terminal/Pin)			
PRESSURE / FLOW SENSORS	Operating mode									
INDUCTIVE PROXIMITY SENSORS	ON-delay									
PARTICULAR USE SENSORS	OFF-delay									
SENSOR OPTIONS	Flicker									
SIMPLE WIRE- SAVING UNITS	One-shot									
WIRE- SAVING SYSTEMS	Integration									
MEASUREMENT SENSORS	One-cycle									
STATIC CONTROL DEVICES	Pulse ON delay									
ENDOSCOPE	Twin									
LASER MARKERS	Star delta									
PLC / TERMINALS	Instantaneous contact									
HUMAN MACHINE INTERFACES	Time range									
ENERGY CONSUMPTION VISUALIZATION COMPONENTS	Major uses									
FA COMPONENTS	Features									
MACHINE VISION SYSTEMS	Mounting method									
UV CURING SYSTEMS	Mounting parts									
Timers	Terminal									
Time Switches	Rated operating voltage									
Counters	Contact arrangement									
Hour Meters	Output									
Options	Current									
Limit Switches	Voltage									
Fan Motors	Time accuracy									
Temperature Controllers	Operating voltage reset time									
Selection Guide	Available standards									
PM4S	Page									
PM4H series										
LT4H series										

Multi-range analog timer

	PM4H-SD	PM4H-SDM	PM4H-F	S1DXM-A	S1DXM-M	S1DX	PMH
	48 × 48 × 80.5/84.5 1.890 × 1.890 × 3.169/3.327 (Screw terminal/Pin)	48 × 48 × 80.5/84.5 1.890 × 1.890 × 3.169/3.327 (Screw terminal/Pin)	48 × 48 × 84.5 1.890 × 1.890 × 3.327	22.1 × 28.5 × 64.3 0.870 × 1.122 × 2.531		22.1 × 28.5 × 64.3/62.9 0.870 × 1.122 × 2.531/2.476 (Plug-in terminal/PC board terminal)	50 × 36 × 80.3 1.969 × 1.417 × 3.161
	For SD motor start-up 4 time ranges are selectable. 0.2 s to 100 s (Max. range) is controlled in one unit. 5 time ranges selectable for the 人-△ switching times.	For all uses of power OFF-delay Multiple time ranges are selectable. Power-OFF delay of max. 10 min. is controlled.		For highly accurate time setting Multi functional Model numbers consolidated		For highly accurate time setting With a large transparent dial. This timer can be attached both on the DIN rails and panel.	For time ranges selection Compact multi-range timer switchable among 4 ranges
	Flush/Surface Terminal block, cap, mounting frame, panel cover, rubber gasket	Flush/Surface Terminal block, cap, mounting frame, panel cover, rubber gasket		Flush/Surface Terminal block, cap block, mounting frame, fitting sockets, protective cover		Flush/Surface Terminal block, cap block, mounting frame, fitting sockets, protective cover	Flush/Surface Terminal block, socket, cap, mounting frame, protective cover
	Pin/Screw 100 to 240 V AC 24 V AC	Pin 100 to 120 V AC 200 to 240 V AC 12 V DC, 24 V DC, 24 V AC		Pin 100 to 120 V AC 200 to 220 V AC 12 V DC, 24 V DC		Pin 100 to 120 V AC 200 to 240 V AC 12 V DC, 24 V DC 48 V DC, 100 to 110 V DC	Pin 100 to 120 V AC 200 to 240 V AC 12 V DC, 24 V DC 48 V DC, 100 to 110 V DC
	人 side: Timed-out 1 Form A △ side: Timed-out 1 Form A Instantaneous: 1 Form A	Timed-out 2 Form C Timed-out 1 Form C [F8R type]		Timed-out 2 Form C, Timed-out 4 Form C		Timed-out 2 Form C, Timed-out 4 Form C	Timed-out 2 Form C
	Relay	Relay	Relay	Relay	Relay	Relay	Relay
	5 A	5 A	3 A	7 A Timed-out 2 Form C 5 A Timed-out 4 Form C	7 A Timed-out 2 Form C 5 A Timed-out 4 Form C	7 A Timed-out 2 Form C 5 A Timed-out 4 Form C	7 A
	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC
	Within ±0.3 %	Within ±0.3 %		Within ±1 %	Within ±1 %	Within ±1 %	Within ±0.5 %
	Within ±2 %	Within ±2 %		Within ±5 %	Within ±5 %	Within ±5 %	Within ±5 %
	Within ±0.5 %	Within ±0.5 %		Within ±1 %	Within ±1 %	Within ±1 %	Within ±0.5 %
	Within ±5 %	Within ±5 %		Within ±10 %	Within ±10 %	Within ±10 %	Within ±10 %
	Max. 0.5 s	—		Max. 0.1 s	Max. 0.1 s	Max. 0.1 s	Max. 0.1 s
	UL, CSA, CE, LLOYD	UL, CSA, CE, LLOYD		UL/c-UL, CE	UL/c-UL, CE	c-UL, CE, LLOYD	UL, CSA, LLOYD
	P.1237	P.1238		P.1246	P.1246	P.1247~	P.1251

- FIBER SENSORS
- LASER SENSORS
- PHOTOELECTRIC SENSORS
- MICRO PHOTOELECTRIC SENSORS
- AREA SENSORS
- LIGHT CURTAINS
- PRESSURE / FLOW SENSORS
- INDUCTIVE PROXIMITY SENSORS
- PARTICULAR USE SENSORS
- SENSOR OPTIONS
- SIMPLE WIRE-SAVING UNITS
- WIRE-SAVING SYSTEMS
- MEASUREMENT SENSORS
- STATIC CONTROL DEVICES
- ENDOSCOPE
- LASER MARKERS
- PLC / TERMINALS
- HUMAN MACHINE INTERFACES
- ENERGY CONSUMPTION VISUALIZATION COMPONENTS
- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS
- Timers
- Time Switches
- Counters
- Hour Meters
- Options
- Limit Switches
- Fan Motors
- Temperature Controllers

Selection Guide
PM4S
PM4H series
LT4H series