

PM4H-SD/SDM Star-delta Timer

Related Information

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- Selection guide P.1383~
- Options P.1423~



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Features

- **Time range designation not required when ordering**
One unit can be switched among 4 time ranges and 5 time ranges for \star - \triangle Star-Delta switching time.
- **\star - \triangle switching indicator**
You can check the operation at a glance.
- **AC free power supply available**
- **Short body 62.5 mm 2.461 in (Screw terminal type)**
- **Replaceable panel cover**
Panel design can be changed from standard (ash gray) to black (sold separately).

Time selectable DIN48 IP65

Ideal for switching between star and delta connections for starting a motor

PRODUCT TYPES

Main operation	Product name	Operation mode	Contact arrangement	Time range	Protective construction	Operating voltage	Terminal type	Model No.
ON-delay (Star-Delta switching)	PM4H-SD Star (\star)-Delta(\triangle) timer	Star (\star)-Delta (\triangle) switching	Relay Timed-out \star side: 1 Form A \triangle side: 1 Form A	2/10/20/100 s (4 selectable ranges over) \star - \triangle switching time: 0.04, 0.1, 0.3, 0.5, 0.7 s	IP65 (Dustproof/water-jet proof type)	100 to 240 V AC	8 pins	PM4HSD-S-AC240VW
						24 V AC	Screw terminal	PM4HSD-S-AC240VSW
							8 pins	PM4HSD-S-AC24VW
	PM4H-SDM Star (\star)-Delta(\triangle) timer (Instantaneous contact)		Relay Timed-out \star side: 1 Form A \triangle side: 1 Form A Instantaneous 1 Form A			100 to 240 V AC	8 pins	PM4HSDM-S-AC240VW
						24 V AC	Screw terminal	PM4HSDM-S-AC240VSW
							8 pins	PM4HSDM-S-AC24VW
Screw terminal	PM4HSDM-S-AC24VSW							

The IP50 type is available upon request.

TIME RANGE

When ordering timers, you do not need to designate the time range. A single unit can be switched to one of 4 time ranges between 0.2 and 100 seconds. For \star - \triangle Star-Delta switching time, you can switch to one of 5 time ranges between 0.04 and 0.7 seconds.

Time range	\star Operating time		\star - \triangle switching time	
	Time range unit	sec	Switching time	Switching time unit
2		0.2 s to 2 s	0.04	s (sec)
10		1 s to 10 s	0.1	
20		2 s to 20 s	0.3	
100		10 s to 100 s	0.5	
			0.7	

FIBER SENSORS

LASER SENSORS

PHOTOELECTRIC SENSORS

MICRO PHOTOELECTRIC SENSORS

AREA SENSORS

SAFETY LIGHT CURTAINS / SAFETY COMPONENTS

PRESSURE / FLOW SENSORS

INDUCTIVE PROXIMITY SENSORS

PARTICULAR USE SENSORS

SENSOR OPTIONS

SIMPLE WIRE-SAVING UNITS

WIRE-SAVING SYSTEMS

MEASUREMENT SENSORS

STATIC CONTROL DEVICES

LASER MARKERS

PLC

HUMAN MACHINE INTERFACES

ENERGY MANAGEMENT SOLUTIONS

FA COMPONENTS

MACHINE VISION SYSTEMS

UV CURING SYSTEMS

Timers

Time Switches

Counters

Hour Meters

Options

Limit Switches

Temperature Controllers

Solenoids

Fan Motors

Selection Guide

LT4H series

QM4H

PM4S

PM4H series

S1DXM-A/M

S1DX

PMH