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PM4H series

S1DXM-A/M

**PMH** 

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## **Features**

· Large dial for improved visibility and operability

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- Four operation modes (Power ON-delay, Power flicker, Power one-shot, Power one-cycle)
- LED display for easy operation check
- Mounting frame available for easy panel installation

S1DX can be mounted on not only a DIN rail but also a panel with the mounting frame (optional).

# S1DX timers that widely cover functions required as compact analog timers

# **PRODUCT TYPES**

#### Plug-in terminal

Power ON-delay AC operating type

	Time range	100 to 120 V AC	200 to 220 V AC
	Time range	Model No.	Model No.
	0.05 to 0.5 s	S1DX-A2C0.5S-AC120V	S1DX-A2C0.5S-AC220V
	0.1 to 1 s	S1DX-A2C1S-AC120V	S1DX-A2C1S-AC220V
	0.1 to 3 s	S1DX-A2C3S-AC120V	S1DX-A2C3S-AC220V
	0.2 to 5 s	S1DX-A2C5S-AC120V	S1DX-A2C5S-AC220V
	0.5 to 10 s	S1DX-A2C10S-AC120V	S1DX-A2C10S-AC220V
Time-out	1 to 30 s	S1DX-A2C30S-AC120V	S1DX-A2C30S-AC220V
2 Form C type	3 to 60 s	S1DX-A2C60S-AC120V	S1DX-A2C60S-AC220V
	0.1 to 3 min	S1DX-A2C3M-AC120V	S1DX-A2C3M-AC220V
	0.5 to 10 min	S1DX-A2C10M-AC120V	S1DX-A2C10M-AC220V
	1 to 30 min	S1DX-A2C30M-AC120V	S1DX-A2C30M-AC220V
	3 to 60 min	S1DX-A2C60M-AC120V	S1DX-A2C60M-AC220V
	0.1 to 3 hr	S1DX-A2C3H-AC120V	S1DX-A2C3H-AC220V
	0.05 to 0.5 s	S1DX-A4C0.5S-AC120V	S1DX-A4C0.5S-AC220V
	0.1 to 1 s	S1DX-A4C1S-AC120V	S1DX-A4C1S-AC220V
	0.1 to 3 s	S1DX-A4C3S-AC120V	S1DX-A4C3S-AC220V
	0.2 to 5 s	S1DX-A4C5S-AC120V	S1DX-A4C5S-AC220V
	0.5 to 10 s	S1DX-A4C10S-AC120V	S1DX-A4C10S-AC220V
Time-out	1 to 30 s	S1DX-A4C30S-AC120V	S1DX-A4C30S-AC220V
4 Form C type	3 to 60 s	S1DX-A4C60S-AC120V	S1DX-A4C60S-AC220V
	0.1 to 3 min	S1DX-A4C3M-AC120V	S1DX-A4C3M-AC220V
	0.5 to 10 min	S1DX-A4C10M-AC120V	S1DX-A4C10M-AC220V
	1 to 30 min	S1DX-A4C30M-AC120V	S1DX-A4C30M-AC220V
	3 to 60 min	S1DX-A4C60M-AC120V	S1DX-A4C60M-AC220V
	0.1 to 3 hr	S1DX-A4C3H-AC120V	S1DX-A4C3H-AC220V

Notes: 1) Socket line holding clips for HC relay terminal socket (ADX18005) are included.

2) You cannot use socket line holding clip when using the HJ relay terminal socket. Therefore, please procure a S1DX socket leaf holding clip B (ADX18012: dedicated socket leaf holding clip for HJ relay terminal socket).

### PRODUCT TYPES

#### Plug-in terminal

#### Power ON-delay DC operating type

		1 0 71			
	Time range	12 V DC	24 V DC	48 V DC	100 to 110 V DC
		Model No.	Model No.	Model No.	Model No.
C type	0.05 to 0.5 s	S1DX-A2C0.5S-DC12V	S1DX-A2C0.5S-DC24V	S1DX-A2C0.5S-DC48V	S1DX-A2C0.5S-DC110V
	0.1 to 1 s	S1DX-A2C1S-DC12V	S1DX-A2C1S-DC24V	S1DX-A2C1S-DC48V	S1DX-A2C1S-DC110V
	0.1 to 3 s	S1DX-A2C3S-DC12V	S1DX-A2C3S-DC24V	S1DX-A2C3S-DC48V	S1DX-A2C3S-DC110V
	0.2 to 5 s	S1DX-A2C5S-DC12V	S1DX-A2C5S-DC24V	S1DX-A2C5S-DC48V	S1DX-A2C5S-DC110V
	0.5 to 10 s	S1DX-A2C10S-DC12V	S1DX-A2C10S-DC24V	S1DX-A2C10S-DC48V	S1DX-A2C10S-DC110V
Form	1 to 30 s	S1DX-A2C30S-DC12V	S1DX-A2C30S-DC24V	S1DX-A2C30S-DC48V	S1DX-A2C30S-DC110V
7	3 to 60 s	S1DX-A2C60S-DC12V	S1DX-A2C60S-DC24V	S1DX-A2C60S-DC48V	S1DX-A2C60S-DC110V
Time-out	0.1 to 3 min	S1DX-A2C3M-DC12V	S1DX-A2C3M-DC24V	S1DX-A2C3M-DC48V	S1DX-A2C3M-DC110V
Tim	0.5 to 10 min	S1DX-A2C10M-DC12V	S1DX-A2C10M-DC24V	S1DX-A2C10M-DC48V	S1DX-A2C10M-DC110V
	1 to 30 min	S1DX-A2C30M-DC12V	S1DX-A2C30M-DC24V	S1DX-A2C30M-DC48V	S1DX-A2C30M-DC110V
	3 to 60 min	S1DX-A2C60M-DC12V	S1DX-A2C60M-DC24V	S1DX-A2C60M-DC48V	S1DX-A2C60M-DC110V
	0.1 to 3 hr	S1DX-A2C3H-DC12V	S1DX-A2C3H-DC24V	S1DX-A2C3H-DC48V	S1DX-A2C3H-DC110V
	0.05 to 0.5 s	S1DX-A4C0.5S-DC12V	S1DX-A4C0.5S-DC24V	S1DX-A4C0.5S-DC48V	S1DX-A4C0.5S-DC110V
	0.1 to 1 s	S1DX-A4C1S-DC12V	S1DX-A4C1S-DC24V	S1DX-A4C1S-DC48V	S1DX-A4C1S-DC110V
	0.1 to 3 s	S1DX-A4C3S-DC12V	S1DX-A4C3S-DC24V	S1DX-A4C3S-DC48V	S1DX-A4C3S-DC110V
e	0.2 to 5 s	S1DX-A4C5S-DC12V	S1DX-A4C5S-DC24V	S1DX-A4C5S-DC48V	S1DX-A4C5S-DC110V
C type	0.5 to 10 s	S1DX-A4C10S-DC12V	S1DX-A4C10S-DC24V	S1DX-A4C10S-DC48V	S1DX-A4C10S-DC110V
Time-out 4 Form	1 to 30 s	S1DX-A4C30S-DC12V	S1DX-A4C30S-DC24V	S1DX-A4C30S-DC48V	S1DX-A4C30S-DC110V
	3 to 60 s	S1DX-A4C60S-DC12V	S1DX-A4C60S-DC24V	S1DX-A4C60S-DC48V	S1DX-A4C60S-DC110V
	0.1 to 3 min	S1DX-A4C3M-DC12V	S1DX-A4C3M-DC24V	S1DX-A4C3M-DC48V	S1DX-A4C3M-DC110V
	0.5 to 10 min	S1DX-A4C10M-DC12V	S1DX-A4C10M-DC24V	S1DX-A4C10M-DC48V	S1DX-A4C10M-DC110V
	1 to 30 min	S1DX-A4C30M-DC12V	S1DX-A4C30M-DC24V	S1DX-A4C30M-DC48V	S1DX-A4C30M-DC110V
	3 to 60 min	S1DX-A4C60M-DC12V	S1DX-A4C60M-DC24V	S1DX-A4C60M-DC48V	S1DX-A4C60M-DC110V
	0.1 to 3 hr	S1DX-A4C3H-DC12V	S1DX-A4C3H-DC24V	S1DX-A4C3H-DC48V	S1DX-A4C3H-DC110V

Notes: 1) Socket line holding clips for HC relay terminal socket (ADX18005) are included.

2) You cannot use socket line holding clip when using the HJ relay terminal socket. Therefore, please procure a S1DX socket leaf holding clip B (ADX18012: dedicated socket leaf holding clip for HJ relay terminal socket).

#### Ordering information

	Ex. S1DX- C 2C 5S — 120 V AC			
Operation mode	Control output arrangement	Time range	e (Note)	Operating voltage (Note)
F: Power Flicker S: Power One-shot C: Power One-cycle	2C: Timed-out 2 Form C 4C: Timed-out 4 Form C	0.5S: 0.05 to 0.5 s 1S: 0.1 to 1 s 3S: 0.1 to 3 s 5S: 0.2 to 5 s 10S: 0.5 to 10 s 30S: 1 to 30 s	60s: 3 to 60 s 3M: 0.1 to 3 min 10M: 0.5 to 10 min 30M: 1 to 30 min 60M: 3 to 60 min 3H: 0.1 to 3 hr	24 V AC: 24 V AC 120 V AC: 100 to 120 V AC 220 V AC: 200 to 220 V AC 240 V AC: 220 to 240 V AC 12 V DC: 12 V DC 24 V DC: 24 V DC

Note: For other time range types and operating voltage types, please consult us.

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 SIMPLE

WIRE-SAVING UNITS

MEASURE-MENT SENSORS

STATIC CONTROL DEVICES

LASER MARKERS

HUMAN MACHINE INTERFACES

ENERGY MANAGEMENT SOLUTIONS

MACHINE VISION SYSTEMS

JV 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

PMH

FIBER SENSORS

#### PRODUCT TYPES

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PHOTO-ELECTRIC SENSORS

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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 MEASURE-MENT SENSORS

STATIC CONTROL DEVICES

LASER MARKERS PLC

HUMAN MACHINE INTERFACES ENERGY MANAGEMENT

SOLUTION F. COMPONENT

MACHINE VISION SYSTEMS UV CURING SYSTEMS

#### **PC** board terminal

#### **Power ON-delay**

_				
	Time range	100 to 120 V AC	200 to 220 V AC	24 V DC
$\setminus$		Model No.	Model No.	Model No.
	0.05 to 0.5 s	S1DX-A2C0.5S-AC120VP	S1DX-A2C0.5S-AC220VP	S1DX-A2C0.5S-DC24VP
type	0.1 to 1 s	S1DX-A2C1S-AC120VP	S1DX-A2C1S-AC220VP	S1DX-A2C1S-DC24VP
ည န	0.1 to 3 s	S1DX-A2C3S-AC120VP	S1DX-A2C3S-AC220VP	S1DX-A2C3S-DC24VP
2 Form	0.2 to 5 s	S1DX-A2C5S-AC120VP	S1DX-A2C5S-AC220VP	S1DX-A2C5S-DC24VP
-ont	0.5 to 10 s	S1DX-A2C10S-AC120VP	S1DX-A2C10S-AC220VP	S1DX-A2C10S-DC24VP
l me	1 to 30 s	S1DX-A2C30S-AC120VP	S1DX-A2C30S-AC220VP	S1DX-A2C30S-DC24VP
	3 to 60 s	S1DX-A2C60S-AC120VP	S1DX-A2C60S-AC220VP	S1DX-A2C60S-DC24VP
	0.05 to 0.5 s	S1DX-A4C0.5S-AC120VP	S1DX-A4C0.5S-AC220VP	S1DX-A4C0.5S-DC24VP
type	0.1 to 1 s	S1DX-A4C1S-AC120VP	S1DX-A4C1S-AC220VP	S1DX-A4C1S-DC24VP
E	0.1 to 3 s	S1DX-A4C3S-AC120VP	S1DX-A4C3S-AC220VP	S1DX-A4C3S-DC24VP
4 Form	0.2 to 5 s	S1DX-A4C5S-AC120VP	S1DX-A4C5S-AC220VP	S1DX-A4C5S-DC24VP
-out	0.5 to 10 s	S1DX-A4C10S-AC120VP	S1DX-A4C10S-AC220VP	S1DX-A4C10S-DC24VP
Time-	1 to 30 s	S1DX-A4C30S-AC120VP	S1DX-A4C30S-AC220VP	S1DX-A4C30S-DC24VP
	3 to 60 s	S1DX-A4C60S-AC120VP	S1DX-A4C60S-AC220VP	S1DX-A4C60S-DC24VP

# SCALE INTERVALS

Time type	Scale intervals
0.5	0.05 (0.02 in a range of 0.1 to 0.5)
1	0.05
3	0.1
5	0.2
10	0.5
30	1
60	2

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

Selection Guide LT4H series QM4H PM4S PM4H series S1DXM-A/M

PMH

Fan Motors

# **Mouser Electronics**

**Authorized Distributor** 

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Panasonic:

S1DX-A4C3S-AC120V