

Timer  
S1DX





## Features

- Large dial for improved visibility and operability
- 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
		Model No.	Model No.
Time-out 2 Form C type	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
	1 to 30 s	S1DX-A2C30S-AC120V	S1DX-A2C30S-AC220V
	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
Time-out 4 Form C type	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
	1 to 30 s	S1DX-A4C30S-AC120V	S1DX-A4C30S-AC220V
	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

	Time range	12 V DC	24 V DC	48 V DC	100 to 110 V DC
		Model No.	Model No.	Model No.	Model No.
Time-out 2 Form 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
	1 to 30 s	S1DX-A2C30S-DC12V	S1DX-A2C30S-DC24V	S1DX-A2C30S-DC48V	S1DX-A2C30S-DC110V
	3 to 60 s	S1DX-A2C60S-DC12V	S1DX-A2C60S-DC24V	S1DX-A2C60S-DC48V	S1DX-A2C60S-DC110V
	0.1 to 3 min	S1DX-A2C3M-DC12V	S1DX-A2C3M-DC24V	S1DX-A2C3M-DC48V	S1DX-A2C3M-DC110V
	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
Time-out 4 Form C type	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
	0.2 to 5 s	S1DX-A4C5S-DC12V	S1DX-A4C5S-DC24V	S1DX-A4C5S-DC48V	S1DX-A4C5S-DC110V
	0.5 to 10 s	S1DX-A4C10S-DC12V	S1DX-A4C10S-DC24V	S1DX-A4C10S-DC48V	S1DX-A4C10S-DC110V
	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 (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.

## PRODUCT TYPES

### PC board terminal

#### Power ON-delay

	Time range	100 to 120 V AC	200 to 220 V AC	24 V DC
		Model No.	Model No.	Model No.
Time-out 2 Form C type	0.05 to 0.5 s	S1DX-A2C0.5S-AC120VP	S1DX-A2C0.5S-AC220VP	S1DX-A2C0.5S-DC24VP
	0.1 to 1 s	S1DX-A2C1S-AC120VP	S1DX-A2C1S-AC220VP	S1DX-A2C1S-DC24VP
	0.1 to 3 s	S1DX-A2C3S-AC120VP	S1DX-A2C3S-AC220VP	S1DX-A2C3S-DC24VP
	0.2 to 5 s	S1DX-A2C5S-AC120VP	S1DX-A2C5S-AC220VP	S1DX-A2C5S-DC24VP
	0.5 to 10 s	S1DX-A2C10S-AC120VP	S1DX-A2C10S-AC220VP	S1DX-A2C10S-DC24VP
	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
Time-out 4 Form C type	0.05 to 0.5 s	S1DX-A4C0.5S-AC120VP	S1DX-A4C0.5S-AC220VP	S1DX-A4C0.5S-DC24VP
	0.1 to 1 s	S1DX-A4C1S-AC120VP	S1DX-A4C1S-AC220VP	S1DX-A4C1S-DC24VP
	0.1 to 3 s	S1DX-A4C3S-AC120VP	S1DX-A4C3S-AC220VP	S1DX-A4C3S-DC24VP
	0.2 to 5 s	S1DX-A4C5S-AC120VP	S1DX-A4C5S-AC220VP	S1DX-A4C5S-DC24VP
	0.5 to 10 s	S1DX-A4C10S-AC120VP	S1DX-A4C10S-AC220VP	S1DX-A4C10S-DC24VP
	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

## Disclaimer

The applications described in the catalog are all intended for examples only. The purchase of our products described in the catalog shall not be regarded as granting of a license to use our products in the described applications. We do NOT warrant that we have obtained some intellectual properties, such as patent rights, with respect to such applications, or that the described applications may not infringe any intellectual property rights, such as patent rights, of a third party.

**Panasonic**  
INDUSTRY

**Panasonic Industry Co., Ltd.**

Industrial Device Business Division

7-1-1, Morofuku, Daito-shi, Osaka 574-0044, Japan

[industrial.panasonic.com/ac/e/](http://industrial.panasonic.com/ac/e/)