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Related Information

- General terms and conditions..... F-3
- Selection guide P.1383~
- Options P.1425



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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 |
| Time-out 4 Form C type | 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 |
| | 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.

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Time Switches

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Hour Meters

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Solenoids

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LT4H series

QM4H

PM4S

PM4H series

S1DXM-A/M

S1DX

PMH

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-DC24VP |
| | 0.1 to 1 s | S1DX-A2C1S-AC120VP | S1DX-A2C1S-DC24VP |
| | 0.1 to 3 s | S1DX-A2C3S-AC120VP | S1DX-A2C3S-DC24VP |
| | 0.2 to 5 s | S1DX-A2C5S-AC120VP | S1DX-A2C5S-DC24VP |
| | 0.5 to 10 s | S1DX-A2C10S-AC120VP | S1DX-A2C10S-DC24VP |
| | 1 to 30 s | S1DX-A2C30S-AC120VP | S1DX-A2C30S-DC24VP |
| | 3 to 60 s | S1DX-A2C60S-AC120VP | S1DX-A2C60S-DC24VP |
| Time-out 4 Form C type | 0.05 to 0.5 s | S1DX-A4C0.5S-AC120VP | S1DX-A4C0.5S-DC24VP |
| | 0.1 to 1 s | S1DX-A4C1S-AC120VP | S1DX-A4C1S-DC24VP |
| | 0.1 to 3 s | S1DX-A4C3S-AC120VP | S1DX-A4C3S-DC24VP |
| | 0.2 to 5 s | S1DX-A4C5S-AC120VP | S1DX-A4C5S-DC24VP |
| | 0.5 to 10 s | S1DX-A4C10S-AC120VP | S1DX-A4C10S-DC24VP |
| | 1 to 30 s | S1DX-A4C30S-AC120VP | S1DX-A4C30S-DC24VP |
| | 3 to 60 s | S1DX-A4C60S-AC120VP | 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 |

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PM4S

PM4H series

S1DXM-A/M

S1DX

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