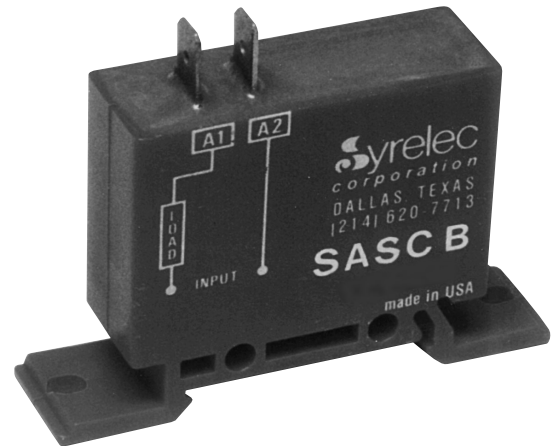
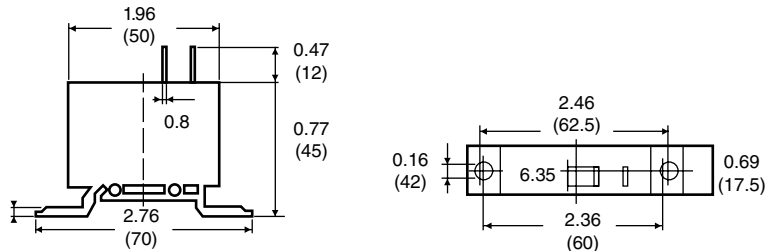


GENERAL DETAILS OF TYPE S TIMERS

S series are compact, low cost, precision devices designed to the most demanding specifications. The small size, epoxy filled case is highly resistant against dust, vibrations, shock or humidity. Creep and strike distance according to VDE 0110 Group C 250V. Case protection IP66. Case material - Polymid.

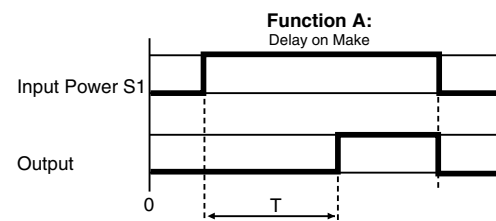
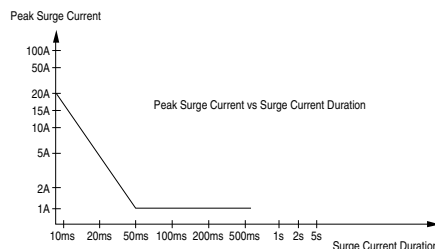


SAS SERIES DELAY ON MAKE TIMER WITH SOLID STATE OUTPUT

UL listed CSA recognized

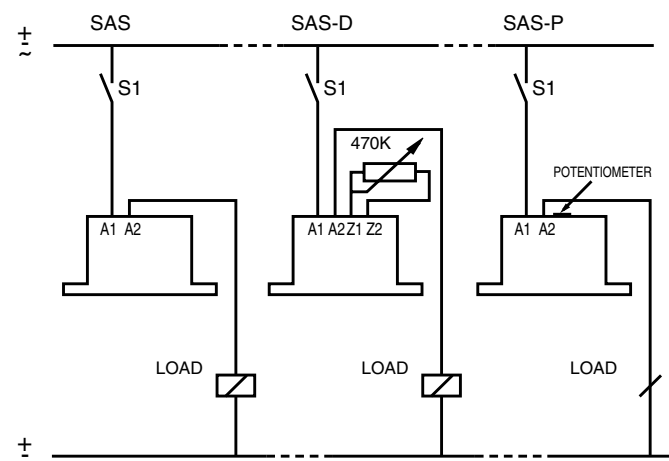
SPECIFICATIONS:

Input Power	24 VAC/DC, 110 VAC/DC 220 VAC/DC, $\pm 15\%$, 50/60 Hz
Output Rating	max.: 0.7 A at 20°C min.: 10 mA
Repetition accuracy	$\pm 0.5\%$ at a constant ambient
Temp rise derating	5 mA / °C
Reset time SAS & SAS-D	25 ms after timing 100 ms during timing
SAS-P	100 ms during timing
Leakage current during timing	5 mA max
Peak surge current	20 A < 10 ms
Peak surge voltage	1400 V, 10 μ s
Terminals	1/4" (6.35mm) quick connect
Operating temperature	-22°F to +140°F (-30°C to +60°C)
Weight	1.9 oz. (55g)

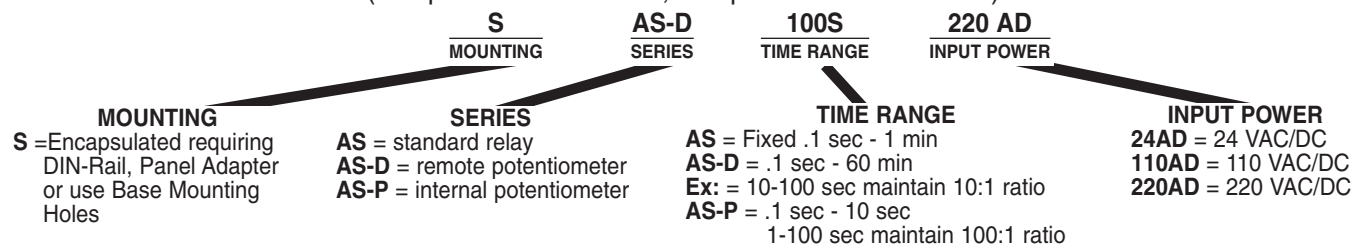


Function A: When input power is applied, timing (t) begins. At the end of the preselected time, the solid state SCR output turns on. The output turns off when the input power is removed, resetting the timer for the next cycle.

WIRING DIAGRAM:



ORDERING INFORMATION: (500 pcs. minimum order, 250 pcs. minimum release)



Products and specifications subject to change without notice.

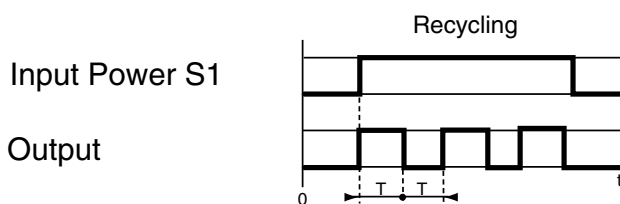
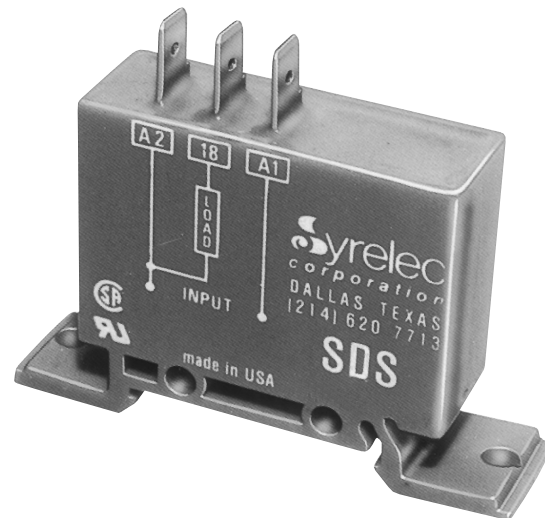
Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com

SDS SERIES

REPEAT CYCLE TIMER

UL listed CSA recognized

- Shock Resistant
- SCR Solid State Output
- Optional Remote Potentiometer
- DIN-Rail or Base Mounting

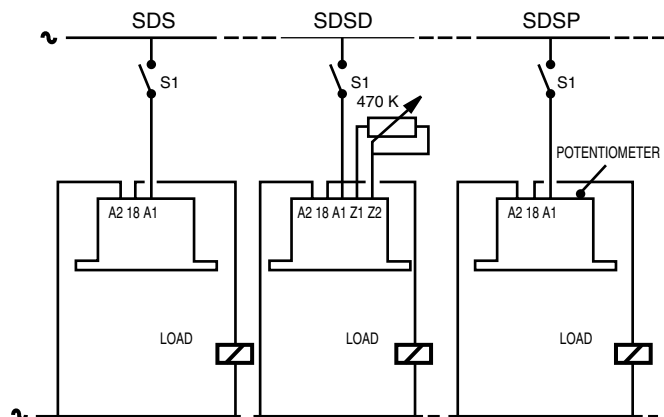


When input power S1 is applied, the solid state output turns on immediately for the timer period specified. It then turns OFF for that same time period and repeats continuously while power is applied.

SPECIFICATIONS:

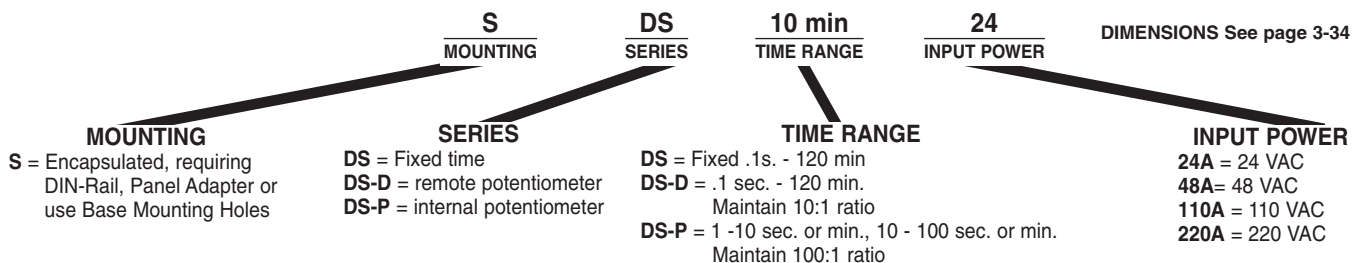
Input	24 VAC, 48 VAC, 110 VAC 220 VAC, $\pm 15\%$, 50/60 Hz
Maximum power consumption	24 VAC: 0.2 VA 48 VAC: 0.3 VA 110 VAC: 0.6 VA 220 VAC: 1.2 VA
Output	SCR
Output Rating	max.: 0.7 A at 20°C min.: 10 mA
Repetition accuracy	$\pm 0.5\%$ at a constant ambient
Temp. rise derating	5 mA / °C
Reset time	100 ms after timing 150 ms during timing
Leakage current during timing	2 mA max.
Peak surge current	20 A < 10ms
Peak surge voltage	1400 V, 100 μ s
Terminals	Faston 1/4" (6.35mm)
Operating temperature	-22°F to +140°F -30°C to +60°C
Weight	1.9 oz. (55g)

WIRING DIAGRAM:



ORDERING INFORMATION: (500 pcs. minimum order, 250 pcs. minimum release)

P.S.: Specify maximum time for "D" and "P" versions.



Products and specifications subject to change without notice.

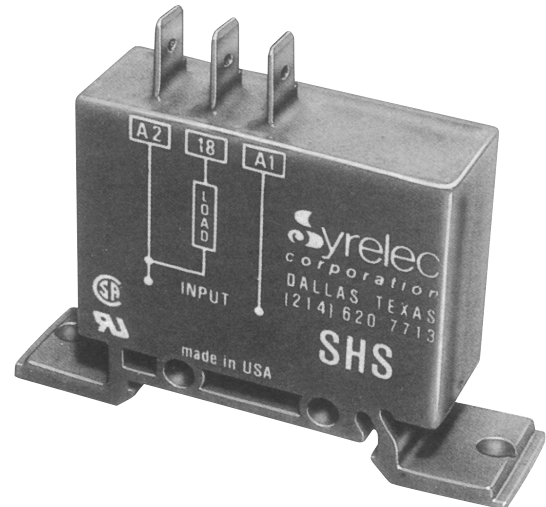
Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / www.crouzet-usa.com

SHS SERIES

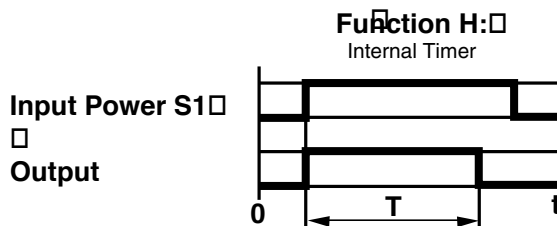
INTERVAL TIMER WITH SOLID STATE OUTPUT

UL listed CSA recognized

- Epoxy Encapsulated
- DIN-Rail or Base Mounting
- Internal or External Time Set
- Fixed Time



2

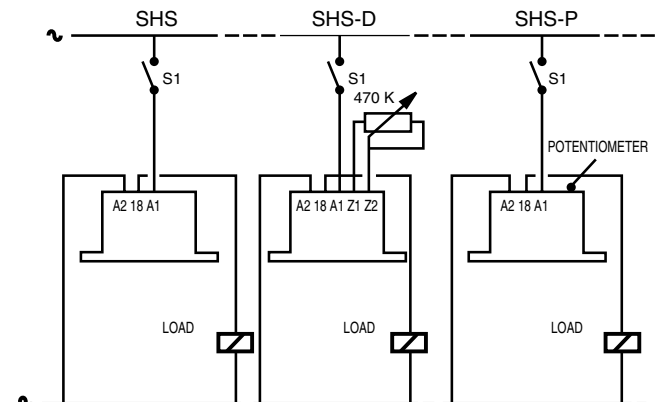


The solid state output turns on when the input power (S1) is applied. The output turns off at the end of time (T). The timer is reset when the input power is removed.

SPECIFICATIONS:

Input	24 VAC, 48 VAC, 110 VAC 220 VAC, $\pm 15\%$, 50/60 Hz
Maximum power consumption	24 VAC: 0.2 VA 48 VAC: 0.3 VA 110 VAC: 0.6 VA 220 VAC: 1.2 VA
Output	SCR
Output Rating	max.: 0.7 A at 20°C min.: 10 mA
Repetition accuracy	$\pm 0.5\%$ at a constant ambient
Temp. rise derating	5 mA / °C
Reset time	100 ms after timing 150 ms during timing
Leakage current during timing	2 mA max.
Peak surge current	20 A < 10 ms
Peak surge voltage	1400 V, 100 μ s
Terminals	Faston 1/4" (6.35mm)
Operating temperature	-22°F to +140°F -30°C to +60°C
Weight	1.9 oz. (55g)

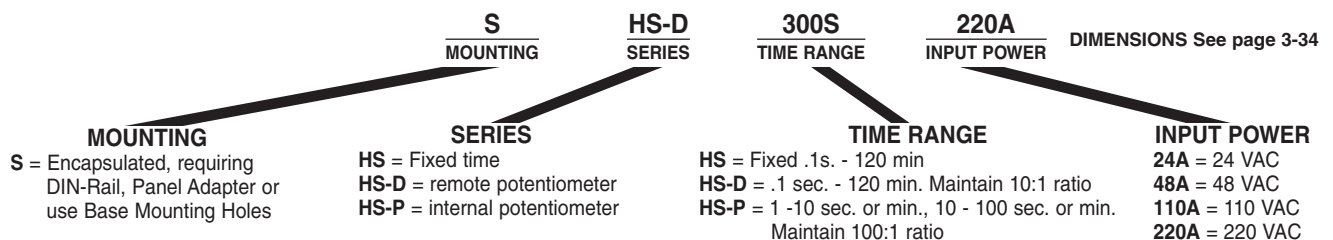
WIRING DIAGRAM:



Note: Available with internal potentiometer in HS-P Series.

ORDERING INFORMATION: (500 pcs. minimum order, 250 pcs. minimum release)

P.S.: Specify maximum time for "D" and "P" versions.



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