



With S26T controller (February 2026)



INTRODUCTION

Thank you for purchasing the S.E.M. Model 5500TS coin-operated timer. This high-quality device allows you to control and collect fees based on the time of use of a service, such as a public shower or other applications.

Its 5500's sturdy stainless steel housing provides excellent protection against corrosion and vandalism, with its cash box protected by a high-security lock.

The reliable S26T electronic controller is simple to use and features a protective coating against moisture.

Like all SEM products, this device will last for many years with minimal maintenance. For technical questions, please contact us at support@sem.ca.

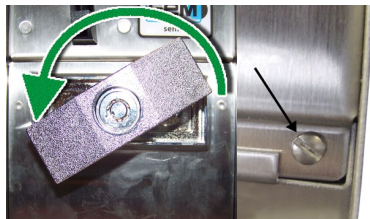
INSTALLING YOUR TIMER

The following instruction refers to a timer controlling a shower. Your application may differ but the installation will roughly be the same. SEM offers several options and accessories for many other types of applications.

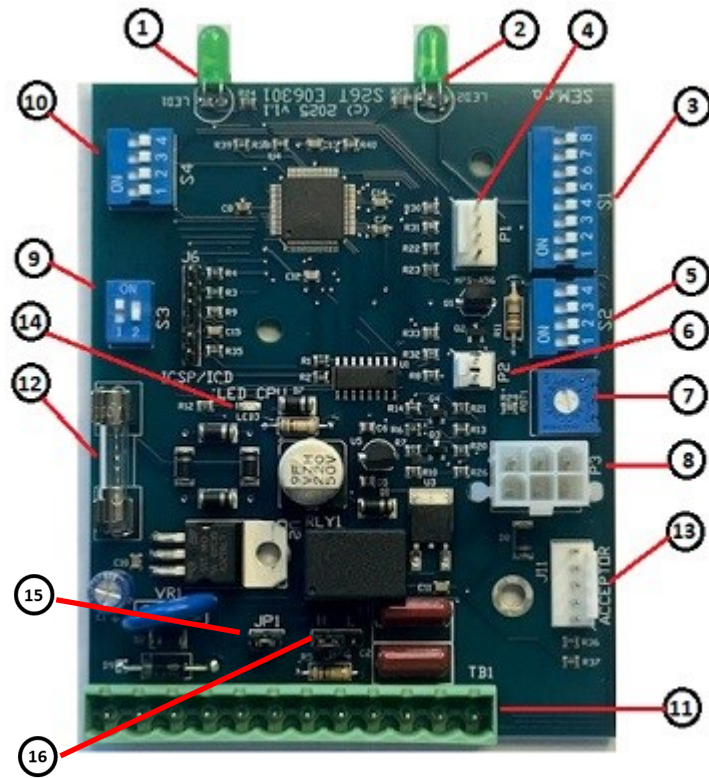
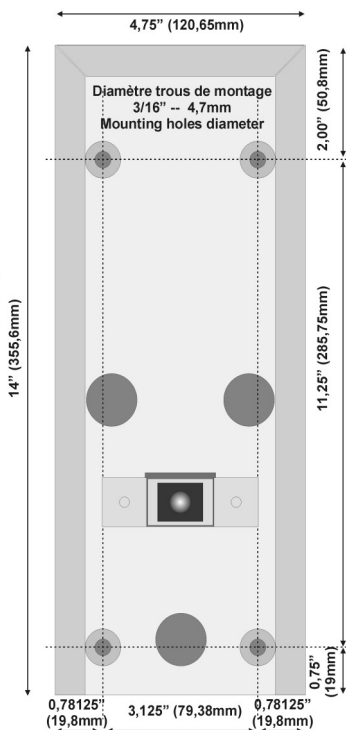
Even though the cabinet is stainless steel made, install it so that water does not flow on it. Your timer can be installed outdoor if needed. The cabinet is very easy to install,

Remove the coin box to gain access to the locking screws (Phillips or slot). Remove but **do not discard**. Lift and pull out the bottom of the faceplate to access the interior of the cabinet. Once removed, notice the coin acceptor harness going to the main circuit board. Unplug it.

With the coin box and faceplate out, you will see the four mounting holes.

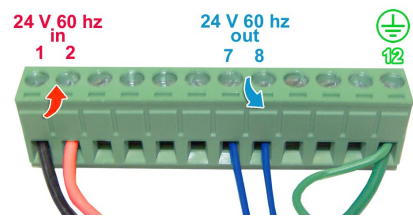


Make sure the cabinet is mounted on a solid perfectly flat wall. Plan the holes by which the cabling will pass (power, valve, start button).



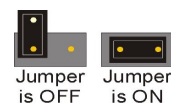
CIRCUITS DESCRIPTION:

1. LED ready to accept ¢ when lit
2. LED in session
3. S1 Block Time programming
4. SLB connector P1
5. S2 Block Functions programming
6. Coin counter option connector P2
7. Warning beeper volume (SLB)
8. Electronic coins acceptor (MDB)
9. S3 Block
10. S4 Block
11. TB1 Terminal block
12. Fuse 2A Fast Blow
13. Mech coin acceptor J11
14. LED OK status (Flash quickly)
15. JP1
16. JP4



MAIN BLOCK TERMINAL PIN-OUT

1. 24-volt a.c. Live input
2. 24-volt a.c. Common input
3. Output + 24-volt d.c. 60ma (old style) Flashes according to S1 #8
4. Output - 24-volt d.c. 60ma (old style) Flashes according to S1 #8
5. Vend contact N.C. 2A, 24 V.a.c. max. Depending on JP1 setting
6. Vend contact common 2A, 24 V.a.c. max. Depending on JP1 setting
7. Vend contact N.O. 2A, 24 V.a.c. max. Depending on JP1 setting
8. Output 24 V. a.c. Common 2A 24 V.a.c. Depending on JP1 setting
9. Input Start button (old style) S4 #1 must be OFF
10. Input Start button (old style) S4 #1 must be OFF
11. Not used
12. Ground



CIRCUIT DESCRIPTION AND JUMPER POSITION

Jumpers are important in the timer operation. They are: JP1 and JP4.

JP1 enables you to transfer the 24-volt a.c. input to terminals # 7 & 8 when a coin is inserted. If the jumper is OFF, the terminals will then operate as a dry contact relay between #5 (NC), #6 (Common), and #7 (NO). No voltage will be sent to the valve.

JP4 Snubber electrical output protection. Normally on H position for valves and L position for relays.

PROGRAMMING YOUR S26T TIMER

Programming the timer is achieved by using the small dipswitches located on the S26T circuit board. There are four blocks of switches.

S1 block (8 positions):

S1 block is to program the time for each coin inserted. The value of each switch will depend on the setting of switch #1 on S2 block.

	Seconds	Minutes
DIP Sw 8* warning signal programming		
DIP Sw 7	64	32
DIP Sw 6	32	16
DIP Sw 5	16	8
DIP Sw 4	8	4
DIP Sw 3	4	2
DIP Sw 2	2	1
DIP Sw 1	1	0.5

If using an electronic acceptor, the programmed time applies to the base coin (25¢). The \$1 and \$2 coins will provide a multiple of the time programmed for the 25¢ coin.

You can use more than one switch to set your time. For example, switches #4 & #2, when in seconds, will give a total time of 10 seconds per coin. In minutes, it will give 5 minutes.

The maximum time (all switches ON) will give 127 seconds per coin when in second-basis (64+32+16+8+4+2+1 = 127) and 63,5 minutes when in minute-basis (32+16+8+4+2+1+0,5 = 63,5).

***Warning signal programming — only with the optional SLB module**

Switch #8 is used to set the warning beeper at the end of a session. OFF, the warning will start 2 minutes before the end of the time of the session. ON, it will start 15 seconds before the end.

S2 block (4 positions):

DIP Sw 4 OFF for dual-coin acceptor 25¢/\$1
ON for dual-coin acceptor \$1/\$2 (Canada only)
Effective only when Sw. #1 of S3 block is ON. (Dual coin acceptor enabled)

DIP Sw 3 OFF enables to start upon the first coin inserted
ON enables to start upon the second coin inserted.

DIP Sw 2 OFF enables Start/Stop feature
ON Start only, no pause feature.
Effective only when Sw. #1 of S4 block is OFF. (Start/Stop button enabled)

DIP Sw 1 OFF Seconds basis (refer to S1 block Time setting)
ON Minutes basis.

S3 block (2 positions): (Other settings for coin acceptor)

DIP Sw 2 OFF allows adding money while in use. Cumulating mode..
ON one single coin per session. Not cumulating mode..
(Need optional coin reject coil or electronic coin acceptor model)

DIP Sw 1 OFF Single-coin acceptor,
ON Dual-coin acceptor (Must also set S4-sw2 = Off)

S4 block (4 positions):

DIP Sw 4 N/A

DIP Sw 3 ON enables ECOswitch mode with SLB, S4 #1 should be OFF
(Timer becomes a FREE push button valve control)

DIP Sw 2 OFF accept line controlled by terminals 11&12 of connector TB1
ON accept line enabled (Setting by default) (old JP3)

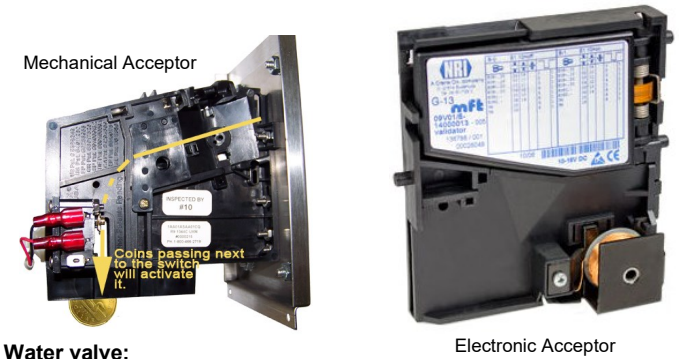
(OFF is also the default position for a Dual coin acceptor)

DIP sw 1 OFF Start with button (SLB module)
ON Automatic Start after inserting coin(s) (old JP2)

THE COIN ACCEPTOR

The single mechanical coin acceptor accepts only one coin type: 25¢, \$1, \$2, or tokens. The dual version allows 25¢/\$1 or \$1/\$2. These coin acceptors do not reject coins in the event of a power failure. Make sure the timer remains powered at all times. The electronic acceptor can accept 25¢, \$1, \$2 and accumulate coins, and reject coins when disabled or unpowered.

Properly configure the S3 block dipswitches according to your coin acceptor.



Water valve:

The 24-volt a.c. water valve is energized by the circuit board when a coin is inserted. The valve connects to terminals 7 & 8, and 12 for the ground. Jumper JP1 must be ON so that 24 volts are sent to the valve when money is inserted. The water valve in 1/2" N.P.T. Be sure to respect the water flow direction indicated on the valve itself. if you weld, make sure not to damage the valve or sink tin inside.



OPTIONAL SLB Start/Pause/Beeper button:

The SLB button generally goes near the shower cabin. The module includes a blue interactive LED button and a beeper. Make sure you place the button so that the beeper hole is facing down. The SLB module has its own connector at position P1. Beeper volume level is adjustable with the potentiometer located on the controller. This button enables users to pause the time (see Switch settings on S2 block). When using the button, sw1 of S4 must be set to OFF



Mechanical coin counter:

Small mechanical counter located just above the coin box. It connects to the small two-pin plug (P2) near the beeper volume. It goes up by one, each time a coin goes in, notwithstanding the value of that coin. Upon delivery, the coin counter will be short of the zero position as seen below. This allows for some tests.



