



Store Timer's Preset/Current Value

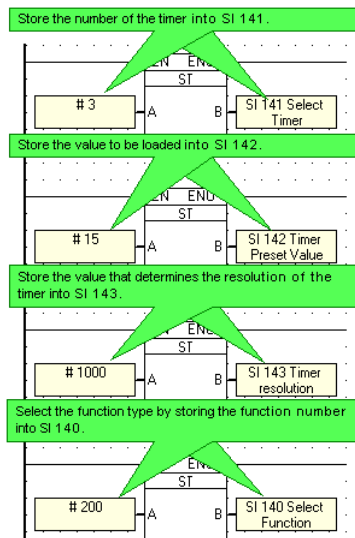
This function allows you to take a value and store it into a timer to change the preset or current timer value. Since there is no Ladder element for this function; you perform it by storing values into:

- SI 141 to select the timer; 0-63,
- SI 142 to determine the timer value,
- SI 143 to select the timer's resolution (timer units, or 'ticks'),
- SI 140 to select the type of function. Storing the function number calls the function. In your application, call the function **after** you have entered all of the other parameters.

Take into account that:

- Since you cannot change the resolution of a timer when the application is running, SI 143 is not used in a Store Timer's Current Value function.
- A timer's current value can be changed at any time, including when the timer is active. The new value can be either greater or smaller than the previous value; storing 0 into a timer's current value stops it immediately.
- A change of Timer Preset value without changing the resolution will take effect when the timer restarts.
- Changing the resolution of the timer's preset value does not affect the current resolution; it is therefore recommended that the resolution not be changed while the timer is active.
- The timer value is 14 bits.

To use this function:

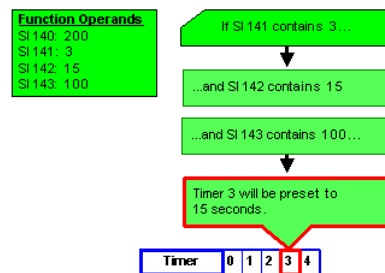


Function # (SI 140)	Description
200	Store Timer Preset
201	Store Timer Current

Note that when you run Test (Debug) Mode, the current value in SI 140 will **not** be displayed.

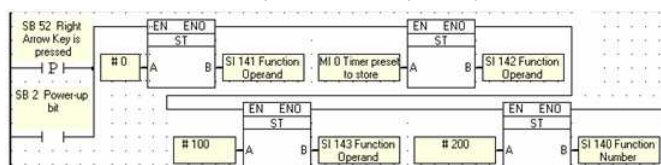
Timer Resolution (stored into SI 143)	
Value	Resolution
0	Maintain Timer Resolution
1	10mS (0.01S)
10	100mS (0.1S)
100	1000mS (1.0S)
1000	10000mS (10.0S)

Store Timer: Function Number 202, Store Timer Preset



Note • Jazz: Preset values are stored in Flash memory.

M90/91: The preset value is stored in RAM memory and is lost at Power-up. In order to retain the preset value, assign the preset value as a power-up task.



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