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\*\*\*\*\* Revised Plant Waterer \*\*\*\*\*

Internal memory from SP5-6 (no additional internal memory required):

Tag	Data Type	
Sec_Count	COUNTER	Seconds counter for clock
Min_Count	COUNTER	Minutes counter for clock
Hour_Count	COUNTER	Hours counter for clock
Sec_Timer	TIMER	Generates 1 second tic for clock
Max_Wtr_Tmr	TIMER	Times maximum watering interval
Start_Pump	BOOL	Start pump command from timer or operator
Ons_Bit	BOOL	One-shot storage bit
Ons2_Bit	BOOL	One-shot storage bit

Clock. Generate a tick every second that is counted for seconds.  
When 60 seconds counted, increment minutes.  
When 60 minutes counted, increment hours.





