

# Create an automatic garden sprinkling system



## Customer's needs

Natural precipitation is normally insufficient to maintain ground humidity as rain is often unreliable and unpredictable. Automatic sprinkling adapts to the needs of plants and green spaces. It provides the quantity of water required at the right time and in the right place. It contributes to enhanced quality of life.

## Recommendation

A time switch is used to program time slots for sprinkling. Programming can be adapted to each type of plantation and recommended type of sprinkling. Backup ensures continuous cycle operation even in the event of power outages, with the resumption of programs when power is restored.



## Customer benefits

- Sprinkling guaranteed even when occupants are away.
- Water savings.
- Quality of life.
- Runs during the night.
- Economical solution.

## Product advantages

- Simplicity of installation and programming with captive segments.
- Channel switching status (On, Off).
- Immediate reading of output contact position.
- Optional manual starting and stopping, independent of programming.
- 200 h power backup in the event of a mains failure.
- Override function on the front face.
- Sealable swivel cover.
- Screwless terminals for easy and fast connection.

> Zoom on

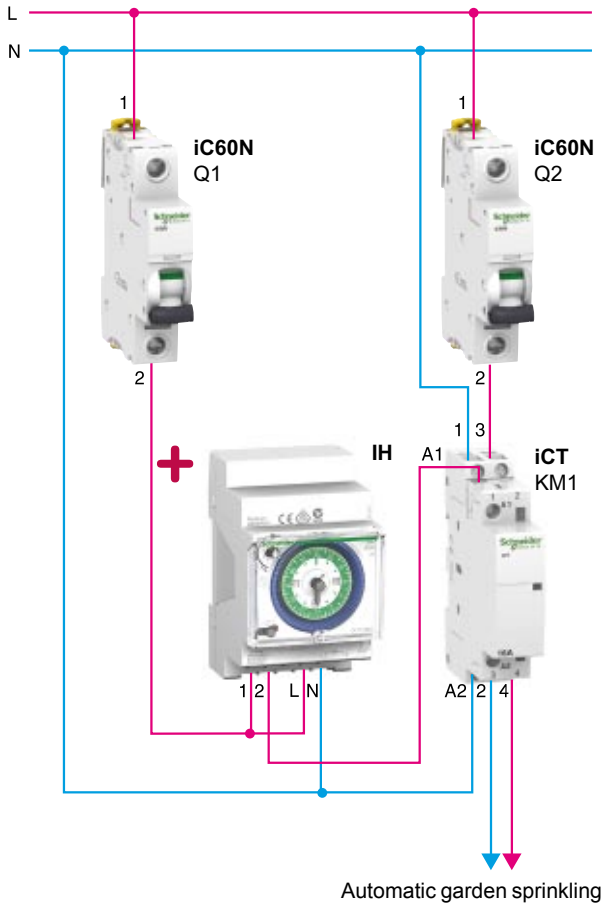
IH

Efficiency  
at your fingertips!



IH 24h 1c ARM

## Solution diagram



- The maximum acceptable power of the IH output contact depends on the load type:
  - 16 A - 250 V AC -  $\cos \varphi = 1$  (resistive),
  - 4 A under 250 V AC ( $\cos \varphi = 0.6$ ).
- The iCT contactor protection circuit breaker rating depends on installed power and load type.

## > Products used

Product	Description	Unit	Reference
IH 24h 1cARM	Daily programmable mechanical time switch with back-up time	1	CCT15365
iC60N (Q1)	MCB 1 pole	1	
iC60N (Q2)	MCB 1 pole	1	
iCT	Modular contactor	1	15380

