

1.3 ACCESS CONTROL, AUTOMATIC GATE

Specifications:

A homeowner wants access to his residence to be controlled by an automatic gate equipped with a dual direction (opening and closure) motor.

Opening: Whether the gate is closed or in an intermediate position, the remote control signal causes the full opening of the gate. During the opening process, any new action on the remote control stops or restarts the motor.

As soon as the gate is fully open, a 4-second time delay delays its closure.

Closure: During the closing process, if the remote control is activated or if the sensor detects a passage, the gate is opened. As long as the sensor is activated, (vehicle stopped in the passage way for example), the gate remains fully open.

Description of the inputs/outputs:

INPUTS:	OUTPUTS:
I1 Remote control	Q1 Gate opening
I2 Gate closed position	Q2 Gate closure
I3 Gate closed position	
I4 Passage sensor	

Model Required:

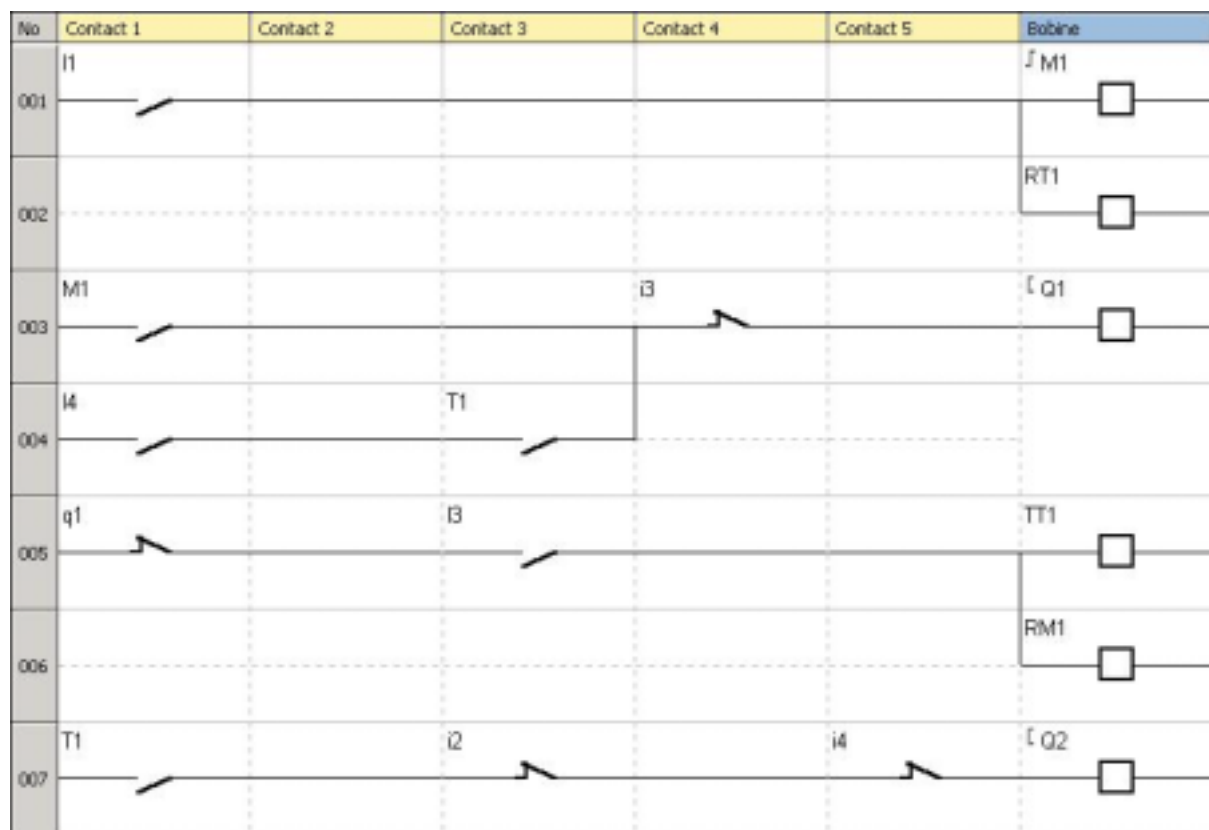
No specific condition.

SR2 B121 BD (24 V DC) or **SR2 B121 JD** (12 V DC) for example.

Advantages of the application:

The safety feature of being able to stop gate opening or closing via the remote control signal is an essential advantage for this type of application.

Logic diagram:



Click on the link below to access the application:

[Access control, automatic gate](#)