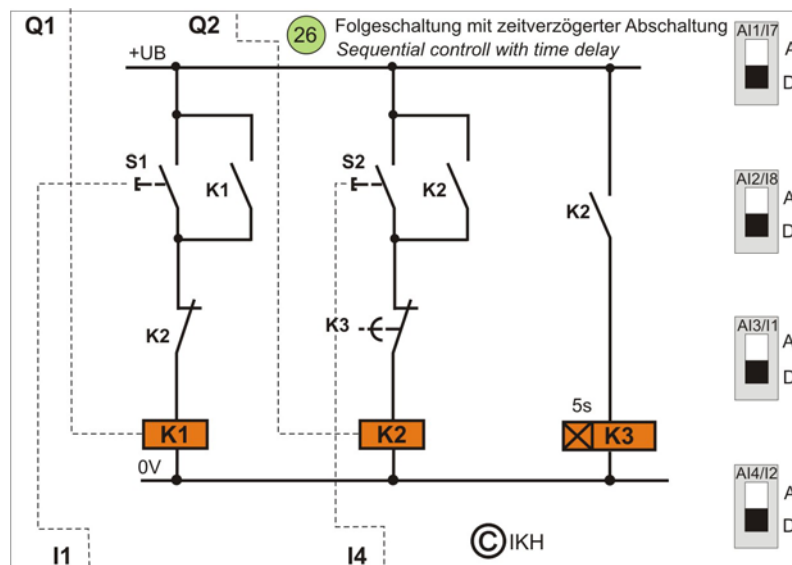


Sequential circuit with time delayed cut-off with LOGO!Learn

Learning card: Sequential circuit with time delayed cut-off



Operating description

When button S1 is activated, the contactor K1 closes and remains in this position. When button S2 is activated, the contactor K2 closes and also remains in this position. At the same time relay K3 switches on and the contactor K1 switches off. Once the set time (5 sec) has elapsed, the contactor K2 opens automatically.

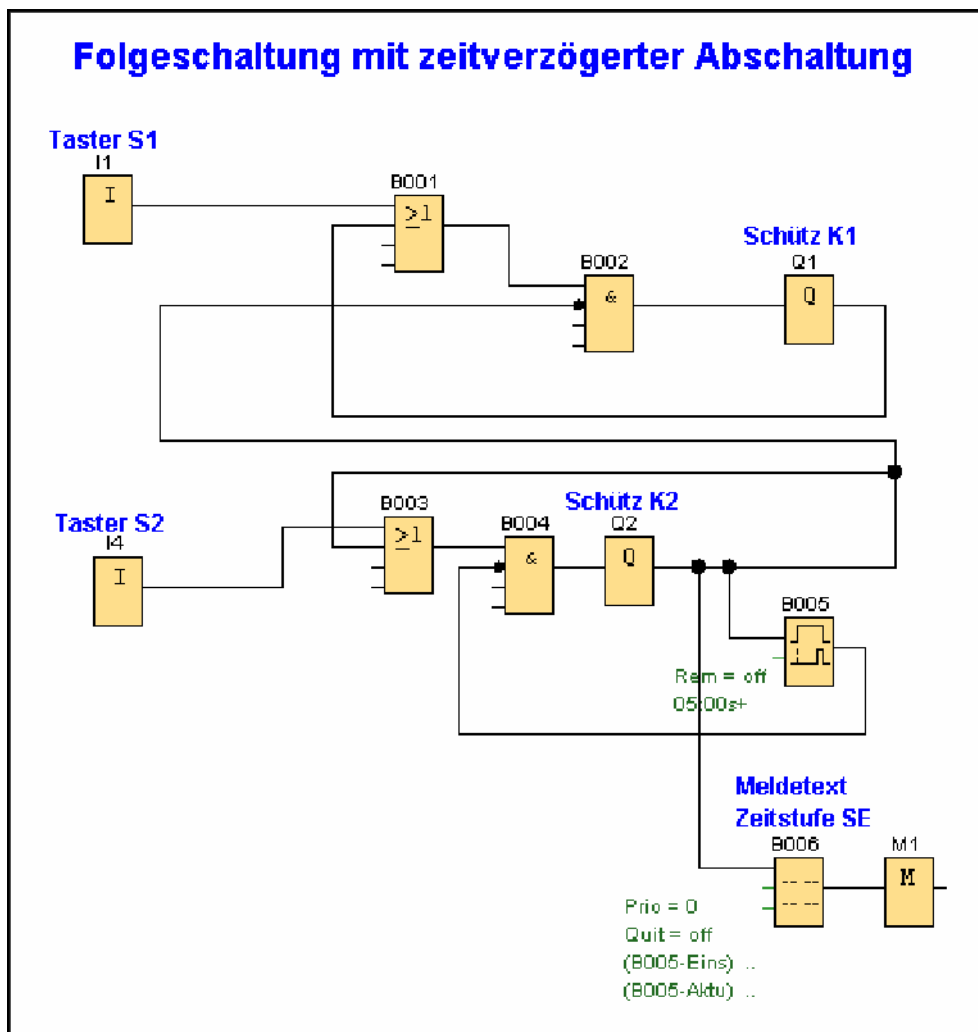
Correlation list		
Symbol	absolute	Comment
S1	I1	Button
S2	I4	Button
K1	Q1	K1 (Status LED)
K2	Q2	K1 (Status LED)

Exercise

Solution field 1 shows a suggested solution.

- Enter program according to function block diagram (solution field 1) into the programming unit (i.e. PC or keyboard) and transfer into LOGO!
- Test program
- Transfer the solution „FBD“ as „LAD“ (ladder diagram) into solution field 2.
- Enter program according to LAD (solution field 2) into the programming unit (i.e. PC or keyboard) and transfer into LOGO!
- Test program

Solution field 1



Solution field 2

