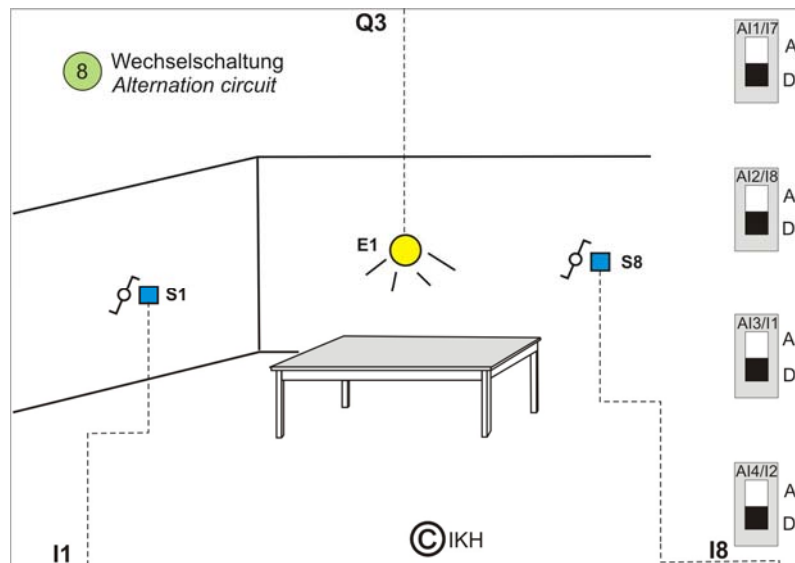


Alternating circuit with LOGO!Learn

Learning card: Alternating circuit



An alternating circuit is used to switch a lamp E 1 (Q3) on or off with S1 or S8 from two different locations.

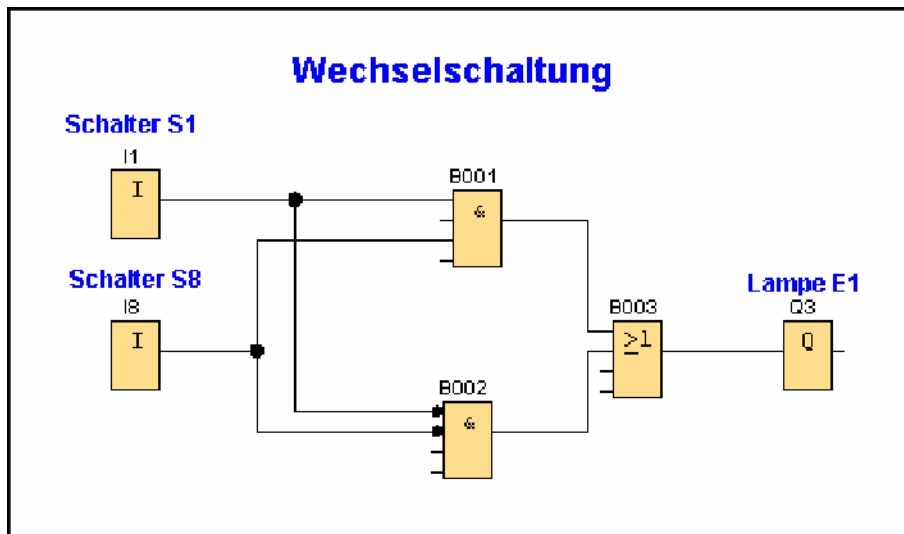
Correlation list		
Symbol	absolute	Comment
S1	I1	Switch
S8	I8	Switch
E1	Q3	Status LED (Pilot lamp)

Exercise

Solution diagram 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.
- Enter 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 (suggested solution)



Solution field 2 (ladder diagram)

