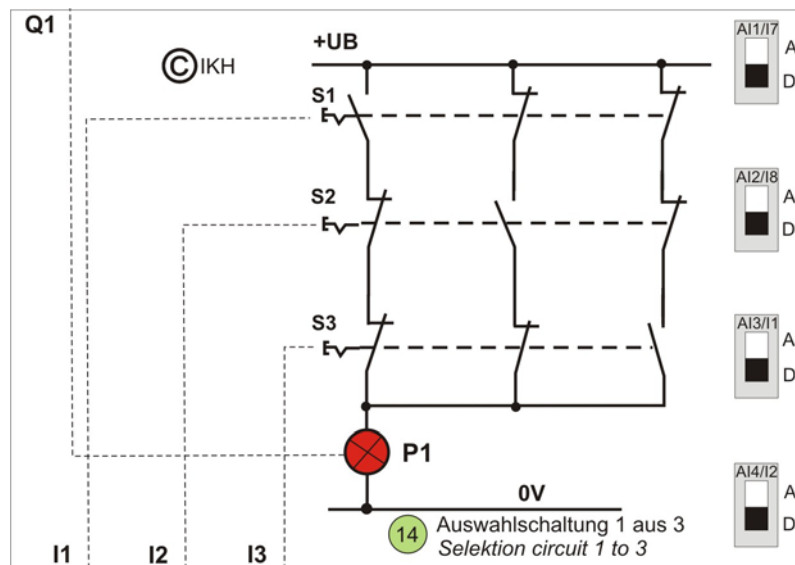


Selection circuit 1 of 3 with LOGO!Learn

Learning card: Selection circuit 1 of 3



The learning card shows the selection circuit 1 of 3 as a circuit diagram.

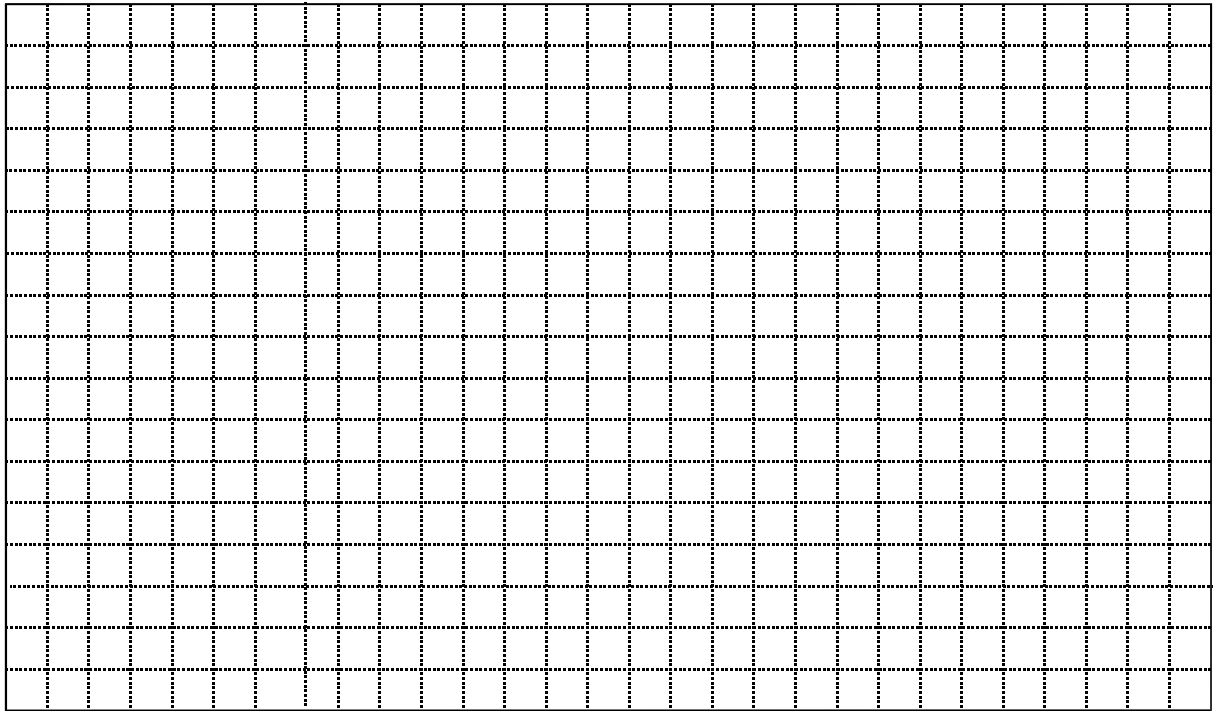
Output P1 carries an H-Signal if only one switch is switched-on. If more than one switch is switched-on, output P1 (Q1) will carry an L-Signal.

Correlation list		
Symbol	absolute	Comment
S1	I1	Switch
S2	I2	Switch
S3	I3	Switch
P1	Q1	Status LED

Exercise

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

Solution field 1



Solution field 2

