ABB i-bus® EIB / KNX

Application Unit Logic ABL/S 2.1

- **Application Unit Logic, MDRC (2 MW)**

- **Order code 2CDG 110 072 R0011**

- **Programming button / LED**

- **Bus connection terminal**

Product overview */ Device technology / Application / Terms*

- **Successor of AB/S 1.1 with application** *Logic Times 254 IO/2*

- **Application program** *Logic Time 254 IO/2*

- **The appearance of the software is the identical with AB/S 1.1**

- **Converting of „old" applications of an existing project possible**

- **Software only for the ETS3**

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- **Inputs/Outputs**

  - Correspond that communication objects

  - 254 In- and Outputs are available

- **Logic blocks**

  - 50 AND-, OR-, on hot- Logic blocks are available

- **Gate**

  - Can block the passing on from values and release

  - 50 Uni- and Bidirectional Gate are available

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■ **Timer**

- ■ Delay switch on

- ■ Delay switch off

- ■ Pulse time

- ■ Staircase lighting function
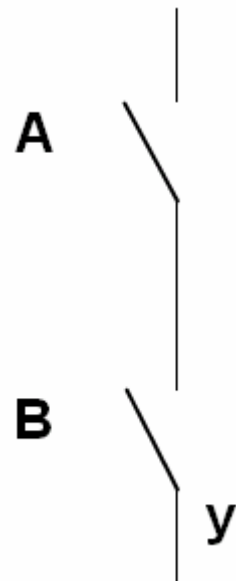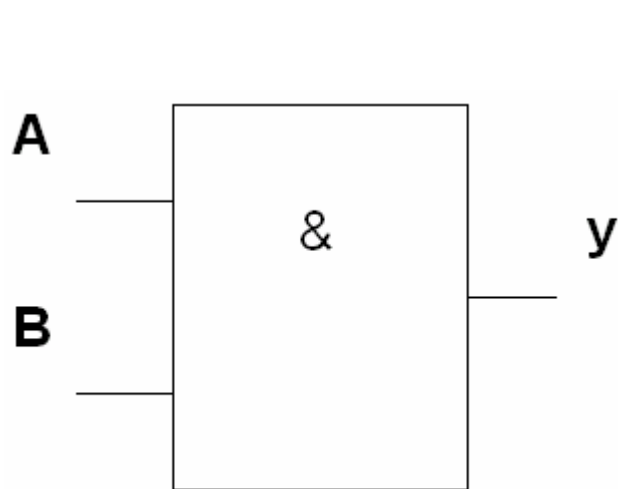
- ■ 30 timers are available

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- ## **Comparator**

  - ### Compares two input values after an adjustable comparison operator
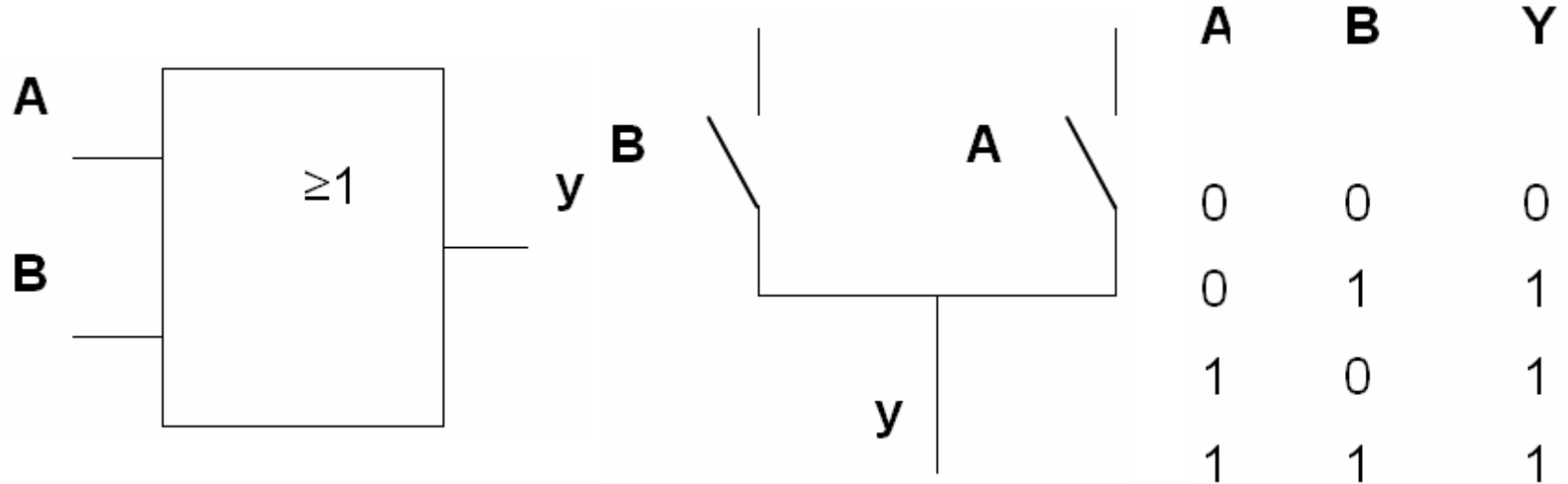
  - ### 10 comparators are available

- ## **Indicator**

  - ### Where connecting lines would cross, indicators are indicated
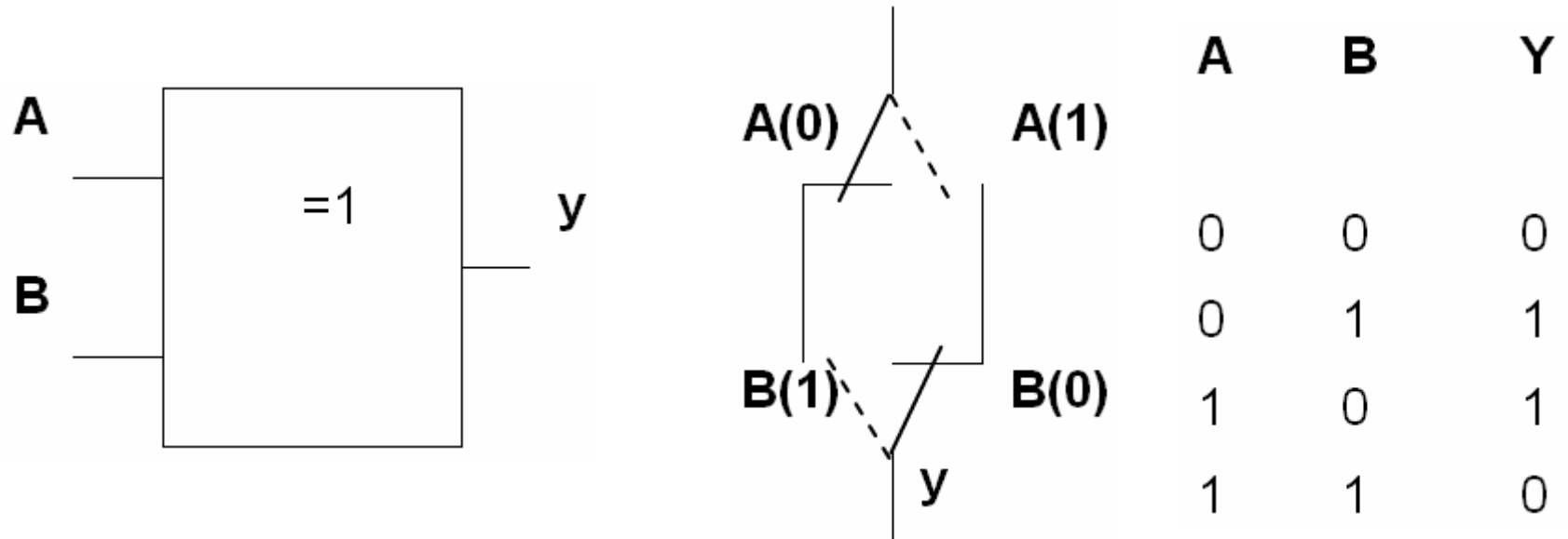
  - ### 250 indicators are available

- **UND block**

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

- **OR block**

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

■ **1 aus N block**

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

- **Unidirectional gate**

  - **A unidirectional gate has one input, an output as well as a control input**

  - **The input has besides still another filter and a memory function**

  - **A gate can pass, if it is approved, on an event at the input a value on from the input to the output**

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- **Bi-directional gate**

  - **A bidirectional gate has one input, an output as well as a control input**

  - **With the bi-directional gate a filtering is not possible**

  - **With approved gate a communication object value can be passed on in both directions**

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- **Timer**

  - **A Timer has an input and an output**

  - **The input has besides still another filter**

  - **A Timer can on an event at the input a value on from the input to the output deferred pass**

- **Staircase light**

  - **The function staircase light consists output of an input that is simultaneous**

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■ **Comparator**

    ■ **A *comparator* consists of two inputs, an output and an overflow output**

    ■ **It compares two input values after an adjustable comparison operator**

    ■ **Term of settlement fulfilled => output sends a 1**

    ■ **It comes to a range of values excess an error at the overflow output is indicated**

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