ABB i-bus® EIB / KNX **Software-Information**

Product:	**Binary Input**
Type:	**BE/S x.x.1**
Current application program:	**Binary 4f 230M/1.2, Binary 8f 230M/1.2,** **Binary 4f 24M/1.2, Binary 8f 24M/1.2,** **Binary 4f 20M/1.2, Binary 8f 20M/1.2**

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Software-Information to: Binary 4f 230M/1.2, Binary 8f 230M/1.2,
Binary 4f 24M/1.2, Binary 8f 24M/1.2,
Binary 4f 20M/1.2, Binary 8f 20M/1.2

at: 08/2008

1. General:

Additionally with each remainder adjusted transmission/time delay is implemented. Actually the application program only with bus voltage recovery.

2. Switch sensor:

After a Reset a signal change at the input is ignored during a minimum signal period.

3. Counter:

After the bus voltage recovery the counts could be incorrect.

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Software-Information	to:	Binary 4f 230M/1.1, Binary 4f 24M/1.1, Binary 4f 20M/1.1,	Binary 8f 230M/1.1, Binary 8f 24M/1.1, Binary 8f 20M/1.1
	at:	02/2007	

1. General:

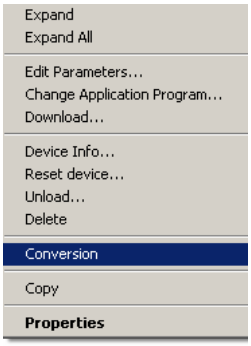
Functionally in the application programs nothing changed, it the manual was only adapted.

2. Conversion of earlier user programms:

With the aid of the conversion it is possible from ETS3 to accept the parameters and group addresses from previous application programs.

Procedure:

1. Import the current VD3 file into the ETS3 and append a product with the current application program into the project.
2. Click with the right mouse button on the product and select “Convert”.



3. Then follow the instructions

The following application programs can be converted:

Name of application program	Note
Binary 4f 230M/1.0, Binary 4f 24M/1.0, Binary 4f 20M/1.0, Binary 8f 230M/1.0 Binary 8f 24M/1.0 und Binary 8f 20M/1.0	Complete conversion is possible.

Note: Please note that the standard values can be set after conversion of newly added parameters.

4. Then change the existing physical address and delete the old device.

3. How does the device behave after programming?

After programming the device behaves as after bus voltage recovery.

In addition the scene values are set with the following characteristics to the initialized values:

– with first programming

– with a change to the operation mode of “Control scene” and

– by the communication object 19 “Channel X scene control – Restore scene to default”

4. To the Communication object 10 a note was introduced

No.	Function	Object name	Data type	Flags
10	**Block**	**Cannel A**	**EIS 1, 1bit** **DTP 1.003**	**C, W**

Telegramm Value „0“ Cannel A enable
„1“ Cannel A block

Via the “Block” communication object the channel connection can be blocked or released. A telegram is sent to the bus if a blocked channel is released.With activated “Blocked” communication object the inputs and the “manual operation” are blocked.

Note: There is generally no reaction when a channel is blocked but
– with all operating modes waiting for a long button push or minimum signal duration is aborted
– with the Switch/dimming sensor and Shutter sensor mode cyclic sending is interrupted
– with the Control scene mode saving ends
during the blocking of a channel,
– a signal change on the terminals or with manual operation is ignored
– communication objects are still updated and sent if necessary
If a channel is enabled a change of the signal states (compared to blocking) leads to immediate processing, e.g.
– start the minimum actuation or detection of a long/short button push
– communication objects are sent if necessary

5. Main- and Differential Counter

The designation of the communication object 16 was adapted:

No.	Function	Object name	Data type	Flags
16	**DC: reverse direction**	**Cannel A main counter**	**EIS 1, 1bit** **DTP 1.002**	**C, R, W, T**

Telegram value “0” do not reverse direction of count
“1” reverse direction of count

The counting direction of the differential counter (DC) can be read via the communication object.

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Software-Information to: Binary 4f 230M/1.0, Binary 4f 24M/1.0, Binary 4f 20M/1.0, Binary 8f 230M/1.0, Binary 8f 24M/1.0, Binary 8f 20M/1.0

1. General:

Application program at time start of launch.