

ABB i-bus® KNX

Inputs

- = Function is supported
- = Function is not supported

	BE/S 4.20.2.1	BE/S 4.230.2.1	BE/S 8.20.2.1	BE/S 8.230.2.1	US/U 2.2	US/U 4.2	US/U 12.2
General							
Voltage range	—	10...230 V	—	10...230 V	—	—	—
Voltage type	—	AC/DC	—	AC/DC	—	—	—
Contact scanning	■	—	■	—	■	■	■
Inputs	4	4	8	8	2	4	12
Type of installation	MDRC	MDRC	MDRC	MDRC	FM	FM	FM
Module width (space unit)	2	2	4	4	—	—	—
Switch sensor							
Send switch value after any edge	■	■	■	■	■	■	■
Send switch value after signal length and/or cyclically	■	■	■	■	■	■	■
Send switch value 1 cyclically	■	■	■	■	■	■	■
Send switch value 2	■	■	■	—	—	—	—
Send switch value 3	■	■	■	—	—	—	—
Difference between short and long operation	■	■	■	■	■	■	■
Dim sensor							
Start-stop dimming, step-by-step dimming	■	■	■	■	■	■	■
One-touch dimming	■	■	■	■	■	■	■
Shutter Sensor							
Shutter operation via a push button/switch	■	■	■	■	■	■	■
Shutter operation via two push buttons/switches	■	■	■	■	■	■	■
Value/Forced operation							
1 bit [0/1], 2 bit forced operation	■	■	■	■	■	■	■
1/2/4 bytes	■	■	■	■	■	■	■
Signed	■	■	■	■	—	—	—
3 byte, time, weekday	■	■	■	■	—	—	—
Control scene							
8 bit scene	■	■	■	■	■	■	■
Store scene	■	■	■	■	■	■	■
Switching sequence							
Several preset sequences can be set	■	■	■	■	■	■	■
Link several push buttons in a switching sequence (actuating number)	■	■	■	■	■	■	■

ABB i-bus® KNX

Inputs

- = Function is supported
- = Function is not supported

	BE/S 4.20.2.1	BE/S 4.230.2.1	BE/S 8.20.2.1	BE/S 8.230.2.1	US/U 2.2	US/U 4.2	US/U 12.2
Multiple operation							
Telegram for long operation	■	■	■	■	■	■	■
Multiple operation can be set	■	■	■	■	■	■	■
Pulse counter							
Adjustable data type and threshold values	■	■	■	■	■	■	-
Temporary counter activation	■	■	■	■	■	■	-
Send counter level cyclically	■	■	■	■	■	■	-
Manual operation							
Energy-saving mode	■	■	■	■	-	-	-
Enable/release manual operation	■	■	■	■	-	-	-
Manual operating status	■	■	■	■	-	-	-
Enable/release manual operation button per input	■	■	■	■	-	-	-
Input LED can be inverted	■	■	■	■	-	-	-
Special functions							
Copying and exchanging parameter settings	■	■	■	■	-	-	-
Enable/disable input	■	■	■	■	■	■	■
Adjustable debounce time and minimum signal time	■	■	■	■	■	■	■
Limit the number of telegrams	■	■	■	■	■	■	■
Device sends an "In operation" telegram	■	■	■	■			
Heating valve control (electric relay)	-	-	-	-	■	■	■
Switch LEDs	-	-	-	-	■	■	■