

AS-i 3.0 Single Slave, MP Bus Master

For controlling up to 8 MP Bus participants
(e.g. Belimo)

Integrated power supply with overtemperature protection

Address socket

4 indicator LEDs

Protection category IP54



Article no. BW2406: for controlling up to 8 MP Bus participants

The AS-i Bus MP Gateway is used to control MP Bus slaves via AS-i. The gateway represents for AS-i a slave, for the MP Bus a Master.

It can be connected 4 MP bus segments, a total of up to 8 participants controlled.

Through the gateway can max. 8 bytes of input data and max. 8 bytes of output data via the AS-i bus resp. the overlaying control processed.

The integrated, secure power supply ensures for the MP 24 VAC of the bus participants (alternatively: connection 24 V DC or AC possible).

About 4 rotatable external fastening tabs (or the 4 standard casing bores), the housing can be mounted at also hard to reach areas. The electrical connection is made via spring terminals. Function LEDs indicate the operating state. An RJ-11 interface allows the connection of an MP Bus terminal for addressing.

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Connections	
Power supply and drives	spring terminals
AS-i	spring terminals
MP Bus Terminal	RJ-11
Properties	
Baudrate	1,2 kBaud
Power supply primary side	230 V AC
Power supply secondary side	24 V AC / 50 VA
Input current max. (fuse)	0,5A
Output current max. (fuse)	2A
Overtemperature protection	130°C
Displays	
LED green (AS-i)	voltage at the AS-i clamps
LED green (MP-Bus)	MP Bus connected
LED green (UAUX)	supply voltage 24 V (DC/AC) on
LED red (FAULT)	LED on: AS-i communication error LED flashing: peripheral fault
Standards	
EMC	EN 61 000-6-2 EN 61 000-6-4
AS-i profil	S-7.4.0
Housing	
Operating temperature	-10°C ... +50°C
Storage temperature	-15°C ... +80°C
Protection category	IP54
Housing	plastic
Dimensions (L / B / H in mm)	180 / 130 / 75

Programming:

(Bit setting)

Data bit (Input via AS-i)

Bit Function

- D0 Input: valid telegram
- D1 Input: Timeout or another error message
- D2 Input: AUX voltage o.k.
- D3 Address programming device connected
- D0 Output: reserved
- D1 Output: reserved

Programming:

address preset0
changeable via bus master or
programming devices

Caution:

with connection of 24V AC / DC external,
remove fuse F4!

