

### AS-EM/B

Control module for damper actuator and for detection of "CLOSED" and "OPEN" damper position, as well as intermediate positions.

- Integrated AS-i slave
- Transmission monitoring
- Run-time monitoring of damper motor in master realizable
- Connection via flat cable terminals with insulation penetration technology
- Supply voltage to module and motor via 24V DC and AS-i
- Plug and play for Belimo actuator

### Technical data

Order code	AS-EM/B		
<b>Electrical configuration</b>	4 inputs / 2 outputs		
Output function	Transistor PNP		
Operating voltage [V]	26.5 ... 31.6 DC		
Current consumption incl. motor [mA]	≤ 420		
<b>Inputs</b>			
Switching	DC PNP		
Sensor supply	AS-i		
Input voltage [V]	18 ... 30 DC		
Short-circuit protection	Yes		
High signal 1 switching level [V]	≥ 10		
Input current High/Low [mA]	≥ 6 / ≤ 2		
<b>Outputs</b>			
Galvanically decoupled	-		
Short-circuit protection	Yes		
Watchdog monitoring integrated	Yes		
Current drain per output [mA]	400 per output/400 total (from AS-i)		
<b>Function display</b>			
Operating Function	LED green LED yellow		
Inputs DI0 – DI3	LED yellow per input		
Outputs DO0 and DO1	LED yellow per output		
Operating temperature [°C]	- 25 ... + 60		
Protection class	IP 54		
AS-i profile	S 7. D		
I/O configuration [Hex]	7		
ID code [Hex]	D		
EMC	EN 50081-1; EN 50082-2		
Housing material	Plastic		
Dimensions (L x W x H) [mm]	160 x 90 x 55		
Connection	Via flat cable terminals		
Allocation of databits DO0; DI3 (reserve)	<b>DI0</b> damper closed	<b>DI1</b> damper open	<b>DO0</b> damper open

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