ASi Module for Building Automation

ASi 4I Module

Specification ASi-3

AB addresses (up to 62 addresses)

Supply of inputs by ASi

Housing with external fastening tabs

(Figure similar)

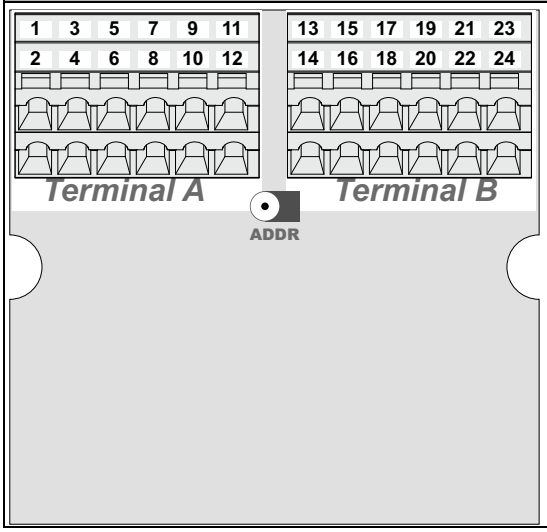
The ASi 4I Module, which meets the requirements of ASi Specification ASi-3, is the board based solution for an ASi module with 4 inputs as an AB address.

The inputs are supplied out of ASi. They are short circuit and overload protected.

Article no.	BW2480
Connection	
Connection	cage clamp terminals
Length of connector cables	max. 15m
ASi	
ASi Profile	S-O.A.O
ASi voltage	20 … 30 VDC
Operating voltage	via ASi
Operating current	≤ 70 mA
Quiescent current	≤20 mA
Input	
Number	4 (electronic)
Capacity	100 mA in total supplied by ASi
Display	
LED PWR (green)	on: ASi voltage on, flashing: ASi voltage on, but peripheral fault or address 0 off: no ASi Voltage
LED FLT/FAULT (red)	an: address 0 or offline flashing: peripheral fault off: online
Environment	
Applied standards	EN 61 000-6-2 EN 61 000-6-4
Housing	polycarbonate / polystyrene
Operating temperature	-25°C … +70°C
Storage temperature	-40°C … +70°C
Protection category DIN EN 60 529	IP54
Maximum tolerable shock and vibration stress	≤ 15 g, T ≤ 11 ms 10 … 55 Hz, 0,5 mm amplitude
Dimensions (W / H / D in mm)	93 / 93 / 55

Programming	Bit setting			
	D3	D2	D1	D0
	Input			
	I4	I3	I2	I1
	Parameter bit			
	P3	P2	P1	P0
	not used	not used	0 = On/1 = Off (data input filter 128 µs)	not used

Connection



Terminal A		Terminal B	
1	+ 24 V	**13**	n.c.
2	I1	**14**	n.c.
3	+ 24 V	**15**	n.c.
4	I2	**16**	n.c.
5	n.c.	**17**	ASi +
6	n.c.	**18**	ASi +
7	n.c.	**19**	ASi -
8	n.c.	**20**	ASi -
9	n.c.	**21**	+ 24 V
10	n.c.	**22**	I3
11	n.c.	**23**	+ 24 V
12	n.c.	**24**	I4
Addressing socket			
ADDR	Connection for ASi-3 programming device		

Programming hints:	
IO-Code	O
ID-Code	A
ID1-Code	7
ID2-Code	O

Accessories:

- **Passive Distributor ASi to 1 x round cable/connecting wires (art. no. BW3186)**
- **ASi-5/ASi-3 Address Programming Device (art. no. BW4708)**