

MA5I68 I/O MODUL

2 digital inputs and 2 digital outputs

Compact module

DI2 - 0.1 A DO2 - 0.5 A (C) - 4× M8 (AB)

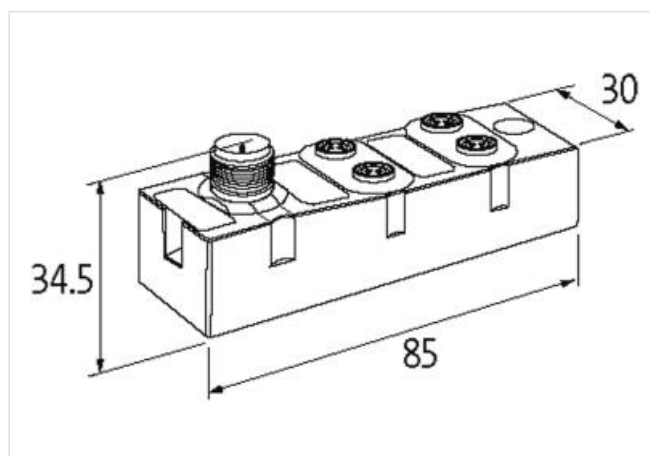
Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

24 V DC external (18...30.2 V DC) EN 61131-2

[Link to Product](#)**Illustration**

Product may differ from Image

**Commercial data**

ECLASS-6.0	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ETIM-5.0	EC001599
customs tariff number	85176200
GTIN	4048879373524
Packaging unit	1

Electrical data | Supply

Bus voltage AS-Interface DC min.	26,5 V
Bus voltage AS-Interface DC max.	31,6 V
Current consumption AS-i port max.	250 mA
Total current max.	1,5 A

Electrical data | Input

Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Current carrying capacity max.	0,1 A

Electrical data | Output

Overload resistant	yes
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Short-circuit protected	yes
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Output current per pin max.	0,5 A
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Industrial communication | Bus data

Address setting type	M12 connection and programming device, Master
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Slave address range	(0), 1 A...31 A, 1 B...31 B
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Industrial communication | AS-Interface

Profile (IO.ID.ID2)	S-7.A.E
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Diagnostics

Diagnostic	No voltage
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Diagnostic via LED	per module
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LED display	Ethernet connection/data traffic
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP68
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Mechanical data | Mounting data

Mounting method	screwed
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Height	85 mm
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Width	30 mm
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Depth	34,5 mm
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Environmental characteristics | Climatic

Operating temperature min.	-20 °C
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Operating temperature max.	60 °C
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Storage temperature min.	-20 °C
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Storage temperature max.	70 °C
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Connection type 3

Connection type 1	A C
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Connection type 2	AUX
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Connection type 3	B D
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Family construction form	M8
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Gender	female
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Color contact carrier	black
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Coding	A
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No. of poles	3
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PIN 1	Usens +
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PIN 3	Usens -
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PIN 4	DI
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Family construction form	M12
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Gender	male
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Color contact carrier	black
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Coding	A
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No. of poles	4
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PIN 1	AS-i +
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PIN 2	0 V AUX POWER
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PIN 3	AS-i -
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PIN 4	24 V DC AUX POWER
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Family construction form	M8
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Gender	female
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Color contact carrier	black
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Coding	A
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No. of poles	3
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PIN 1	n.c.
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PIN 3	0 V
PIN 4	DO