

**MASI68 I/O MODUL**

2 digital inputs and 2 digital outputs

Compact module

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

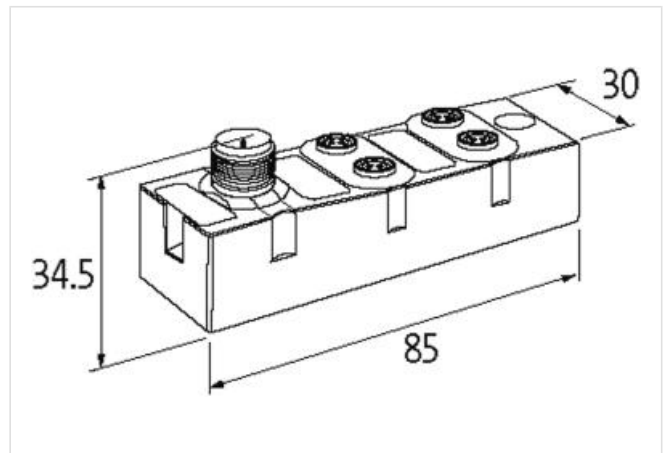
Connection cables are in the online shop under "Connection Technology".

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
Short-circuit protected	yes
Output current per pin max.	0,5 A
<b>Industrial communication   Bus data</b>	
Address setting type	M12 connection and programming device, Master
Slave address range	(0), 1 A...31 A, 1 B...31 B
<b>Industrial communication   AS-Interface</b>	
Profile (IO.ID.ID2)	S-7.A.E
<b>Diagnostics</b>	
Diagnostic	No voltage
Diagnostic via LED	per module
LED display	Ethernet connection/data traffic
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP68
<b>Mechanical data   Mounting data</b>	
Mounting method	screwed
Height	85 mm
Width	30 mm
Depth	34,5 mm
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-20 °C
Operating temperature max.	60 °C
Storage temperature min.	-20 °C
Storage temperature max.	70 °C
<b>Connection type 3</b>	
Connection type 1	A C
Connection type 2	AUX
Connection type 3	B D
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	3
PIN 1	Usens +
PIN 3	Usens -
PIN 4	DI
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	AS-i +
PIN 2	0 V AUX POWER
PIN 3	AS-i -
PIN 4	24 V DC AUX POWER
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	3
PIN 1	n.c.

PIN 3	0 V
PIN 4	DO