

**MASI68 I/O MODULE**

4 digital inputs, 4 digital outputs

Compact module

DI4 - 0.19 A DO4 - 2 A (C) - 8× M12 (Y)

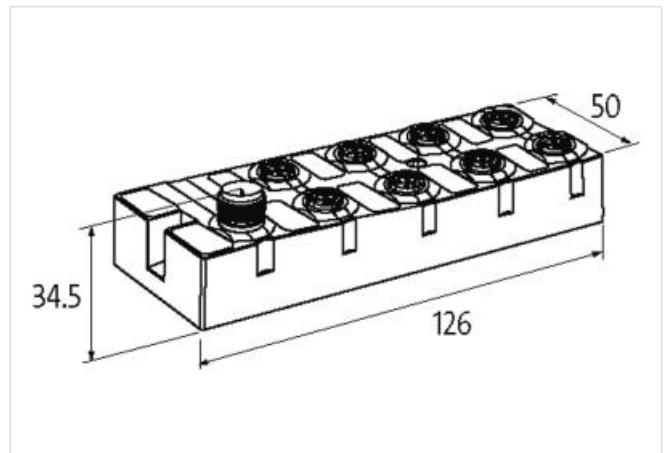
Y-wiring

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

Housing fully potted.

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

Product may differ from Image

**Commercial data**

ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ECLASS-10.1	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ETIM-5.0	EC001599
customs tariff number	85176200
GTIN	4048879048927
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.	4 A

**Electrical data | Input**

Overload resistant	yes
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Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Current carrying capacity max.	0,19 A
<b>Electrical data   Output</b>	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	2 A
<b>Industrial communication   Bus data</b>	
Address setting type	M12 connection and programming device, Master
Slave address range	(0), 1 ...
<b>Industrial communication   AS-Interface</b>	
AS-i Power 24	yes
Profile (IO.ID.ID2)	S-7.F.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	126 mm
Width	50 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 5</b>	
Connection type 1	A C
Connection type 2	AUX
Connection type 3	B D
Connection type 4	E G
Connection type 5	F H
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	Usens +
PIN 2	DI
PIN 3	Usens -
PIN 4	DI
PIN 5	n.c.
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	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	Usens +
PIN 2	n.c.
PIN 3	Usens -
PIN 4	DI
PIN 5	n.c.
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	n.c.
PIN 2	DO
PIN 3	0 V
PIN 4	DO
PIN 5	FE
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	n.c.
PIN 2	n.c.
PIN 3	0 V
PIN 4	DO
PIN 5	FE