

MA5I68 I/O MODUL

2 digital inputs and 2 digital outputs

Art.No.: 56446

Weight: 0.127 kg

Country of origin: CZ

Model designation: MASI68 DI2/0,1A DO2/0,5A AB 4xM8

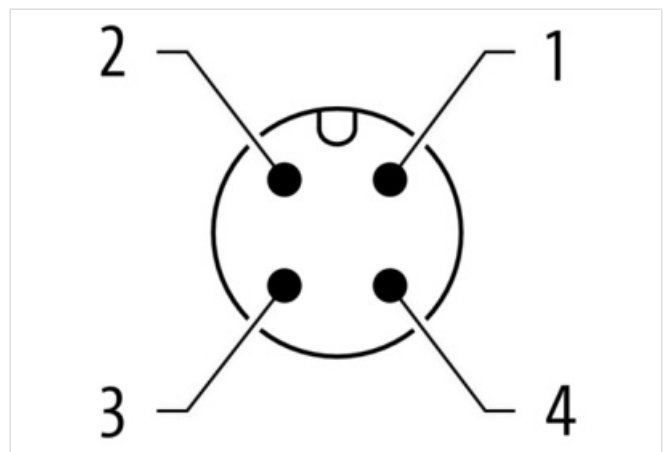
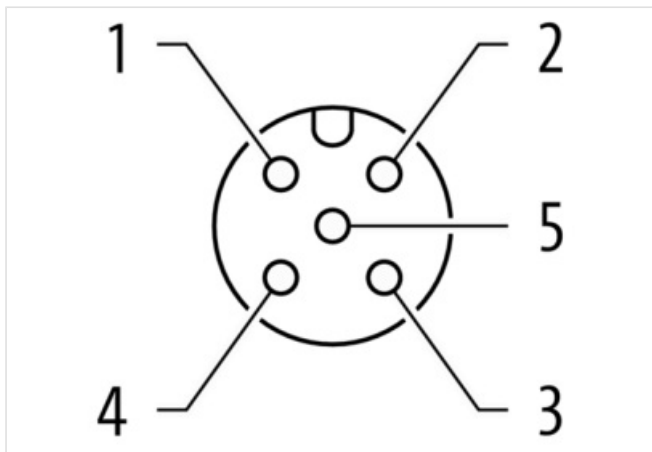
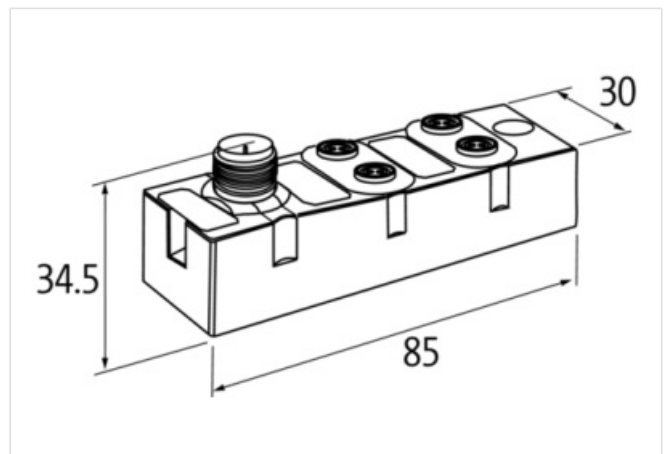
Compact module

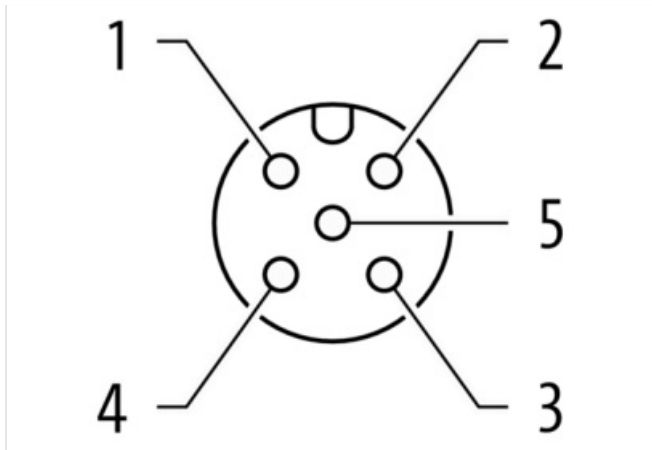
DI2 - 0.1 A DO2 - 0.5 A (C) - 4× M8 (AB)

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**

URL Webshop	https://shop.murrelektronik.com/56446
GTIN	4048879373524
EU-Customs tariff number	85176200
ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-7.1	27242604
ECLASS-8.0	27242604
ECLASS-8.1	27242604
ECLASS-9.0	27242604
ECLASS-9.1	27242604
ECLASS-10.0.1	27242604
ECLASS-10.1	27242604
ECLASS-11.0	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ECLASS-13.0	27242604
ECLASS-14.0	27242604
ETIM-5.0	EC001599
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
customs tariff number	85176200
EAN	4048879373524
Packaging unit	1

Electrical data | Supply

Total current max.	1,5 A
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

Electrical data | Input

Current carrying capacity max.	0,1 A
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Short-circuit protected	Yes
Overload resistant	Yes
Type input	for 3-wire sensors or mechanical switches, PNP
Electrical data Output	
Output current per pin max.	0,5 A
Overload resistant	Yes
Short-circuit protected	Yes
Industrial communication Bus data	
Address setting type	M12 connection and programming device, Master
Slave address range	(0), 1 A...31 A, 1 B...31 B
Industrial communication AS-Interface	
Profile (IO.ID.ID2)	S-7.A.E
Diagnostics	
Diagnostic	No voltage
Diagnostic via LED	per module
LED display	Ethernet connection/data traffic
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP68
Mechanical data Mounting data	
Height	85 mm
Width	30 mm
Depth	34,5 mm
Mounting method	screwed
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	60 °C
Ambient temperature (storage, transport)	-20 °C ... 70 °C
Connection type 3	
Connection type 1	A C
Connection type 2	AUX
Connection type 3	B D
Family construction form	M8
No. of poles	3
Coding	A
Gender	female
Color contact carrier	black
PIN 1	Usens +
PIN 3	Usens -
PIN 4	DI
Family construction form	M12
No. of poles	4
Coding	A
Gender	male
Color contact carrier	black
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
No. of poles	3
Coding	A

Gender	female
Color contact carrier	black
PIN 1	n.c.
PIN 3	0 V
PIN 4	DO