MURR ELEKTRONIK
stay connected

MASI68 I/O EXTENSION MODULE K3

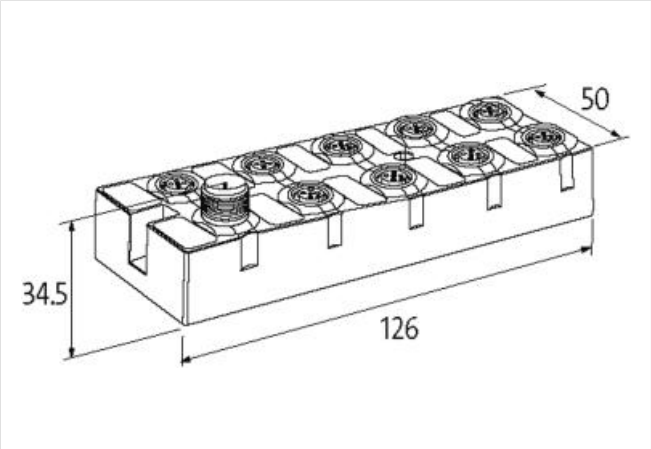
4 digital inputs, 4 digital, passive safety outputs

Expansion module
DI4 - 0.2 A DO4 - 1.6 A (E) - 8× M12 (AB) (Y) (K3)
Output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays
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-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	4048879048866
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

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Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Current carrying capacity max.	0,2 A
Electrical data | Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	2 A
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	
AS-i Power 24	yes
Profile (IO.ID.ID2)	S-7.A.7
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	
Mounting method	screwed
Height	126 mm
Width	50 mm
Depth	34,5 mm
Environmental characteristics | Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	60 °C
Storage temperature min.	-20 °C
Storage temperature max.	70 °C
Connection type 6	
Connection type 1	A C
Connection type 2	B D
Connection type 3	Bus In
Connection type 4	Bus Out
Connection type 5	E G
Connection type 6	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	female
Color contact carrier	black
Coding	A

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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	male
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	AS-i +
PIN 2	0 V
PIN 3	AS-i -
PIN 4	24 V DC
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	AS-i +
PIN 2	0 V
PIN 3	AS-i -
PIN 4	24 V DC
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

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