MURR ELEKTRONIK
stay connected

MASI20 I/O MODULE K3

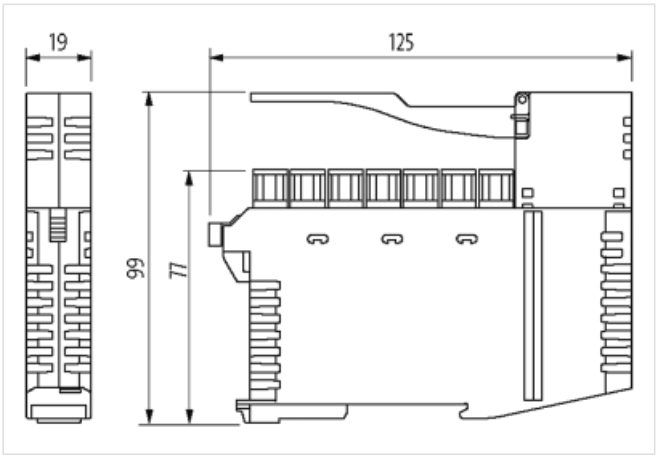
4 digital inputs, 4 digital, passive safety outputs

Digital inputs/outputs
DI4 - 0.15 A DO4 - 2 A (AB) (K3)
Safe outputs (Safety)
passive safety
Output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays
AB-Slave
Protection IP20
Current manuals can be downloaded at: www.murrelektronik.com
24 V DC (20...30 V DC) EN 61131-2 by additional supply, safely separated from input supply

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	4048879705288
Packaging unit	1

Electrical data | Supply

Operating voltage external DC min.	12 V
Operating voltage external DC max.	30 V

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Bus voltage AS-Interface DC min.	26,5 V
Bus voltage AS-Interface DC max.	31,6 V
Current consumption AS-i port max.	190 mA
Total current max.	4 A
module supply	Via system connection or by additional feed-in
Electrical data | Input	
Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Input current max.	5,6 mA
Current carrying capacity max.	0,15 A
Electrical data | Output	
Switch off time in case of short circuit	20 ms
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	2 A
Industrial communication | Bus data	
Address setting type	Addressing socket, Master
Slave address range	(0), 1 A...31 A, 1 B...31 B
Industrial communication | AS-Interface	
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)	IP20
Mechanical data | Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	125 mm
Width	19 mm
Depth	99 mm
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	70 °C
Derating from	60 °C
Storage temperature min.	-25 °C
Storage temperature max.	85 °C
Connection type 3	
Connection type 1	Asi Bus
Connection type 2	I / O
Connection type 3	Power
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	yellow
No. of poles	4
PIN 25	AS-i +
PIN 26	AS-i +
PIN 27	AS-i -

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PIN 28	AS-i -
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	black
No. of poles	20
PIN 1	I 1
PIN 2	I 2
PIN 3	I 3
PIN 4	I 4
PIN 5	I -
PIN 6	I -
PIN 7	I -
PIN 8	I -
PIN 9	I +
PIN 10	I +
PIN 11	I +
PIN 12	I +
PIN 13	O 1
PIN 14	O 2
PIN 15	O 3
PIN 16	O 4
PIN 17	O -
PIN 18	O -
PIN 19	O -
PIN 20	O -
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	gray
No. of poles	4
PIN 21	AUX +
PIN 22	AUX +
PIN 23	AUX -
PIN 24	AUX -

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