MURR ELEKTRONIK
stay connected

MASI20 I/O MODULE K3

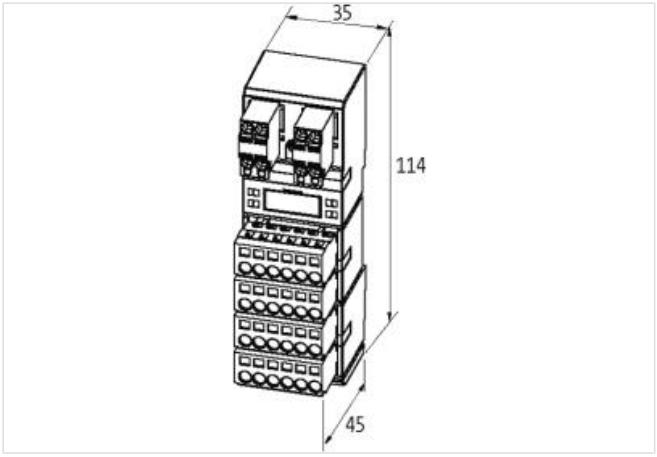
4 digital inputs, 4 digital, passive safety outputs

Digital inputs/outputs
Safe outputs (Safety)
Output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays
DI4 - 0.2 A DO4 - 0.5 A (AB) (K3)
Current manuals can be downloaded at: www.murrelektronik.com
24 V DC (18...30.2 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	4048879048781
Packaging unit	1

Electrical data | Supply

Operating voltage external DC min.	18 V
Operating voltage external DC max.	30 V
Bus voltage AS-Interface DC min.	26,5 V
Bus voltage AS-Interface DC max.	31,6 V
Current consumption AS-i port max.	300 mA

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Total current max.	2 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.	10 mA
Current carrying capacity max.	0,2 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.	0,5 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	114 mm
Width	37 mm
Depth	32 mm
Environmental characteristics | Climatic	
Operating temperature min.	0 °C
Operating temperature max.	60 °C
Storage temperature min.	-20 °C
Storage temperature max.	70 °C
Connection type 6	
Connection type 1	Asi Bus
Connection type 2	Ext. Us Pwr In
Connection	Screw terminals SK
Family construction form	terminal
Gender	male
Color contact carrier	green
No. of poles	2
PIN 1	A -
PIN 2	A +
Connection	Screw terminals SK
Family construction form	terminal
Gender	male
Color contact carrier	green
No. of poles	2
PIN 1	0 V

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PIN 2	24 V DC
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	0 V A
PIN 2	0 V A
PIN 3	0 V A
PIN 4	0 V A
PIN 5	0 V A
PIN 6	0 V A
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	0 V S
PIN 2	0 V S
PIN 3	0 V S
PIN 4	0 V S
PIN 5	US
PIN 6	US
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	I 0
PIN 2	I 1
PIN 3	I 2
PIN 4	I 3
PIN 5	US
PIN 6	US
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	O 0
PIN 2	O 1
PIN 3	O 2
PIN 4	O 3
PIN 5	UA
PIN 6	UA

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