

MA5I68 I/O EXTENSION MODULE

8 digital Outputs passive safety K3

Expansion module

DO8 - 0.5 A - 4× M12 (AB) (K3)

Output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays

Double assignment of M12 females, PIN 2 + 4

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

Housing fully potted.

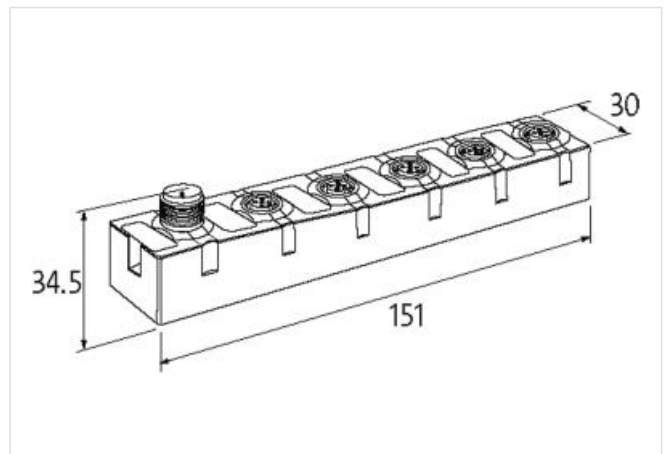
24 V DC external (18...30.2 V DC) EN 61131-2

[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	4048879378338
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 | Output

The information in this Product-PDF has been compiled with the utmost care.
 Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-16

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Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	0,5 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	151 mm
Width	30 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 3	
Connection type 1	A-D
Connection type 2	Bus In
Connection type 3	Bus Out
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	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.