

MAI67 I/O MODULE K3

8 digital inputs, 8 digital, passive safety outputs

Digital inputs/outputs

DI8 - 0.34 A DO8 - 1.6 A - 8× 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

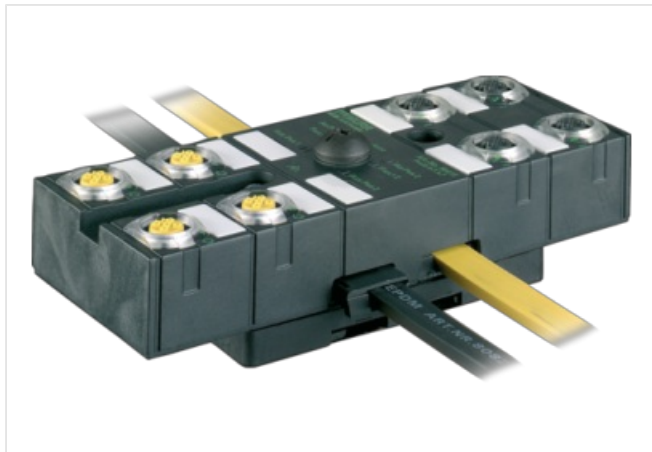
Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

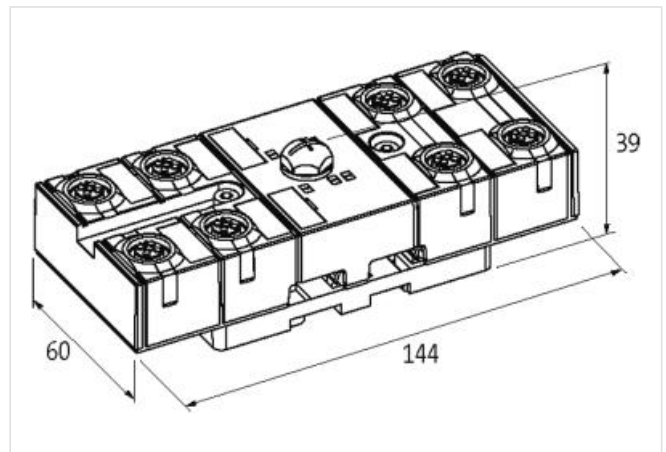
24 V DC external (18...30.2 V DC) EN 61131-2, connection via black AS-Interface profile cable, 2 safely separated supplies possible

[Link to Product](#)

Illustration



Product may differ from Image



Commercial data

ECLASS-6.0	27371604
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	4048879048989
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.	440 mA
Total current max.	8 A

Electrical data Input	
Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Current carrying capacity max.	0,34 A
Electrical data Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	1,6 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)	2× S-7.A.7
Diagnostics	
Diagnostic	No voltage
Diagnostic via LED	per module
LED display	Ethernet connection/data traffic
Installation Connection	
Double assignment M12 female	yes
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Mechanical data Mounting data	
Mounting method	screwed, geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	144 mm
Width	72 mm
Depth	39 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 2	
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	PE
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.