

MA5I68 I/O MODULE K3

4 digital inputs, 4 digital, passive safety outputs

Compact module

DI4 - 0.2 A DO4 - 1.6 A (C) - 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".

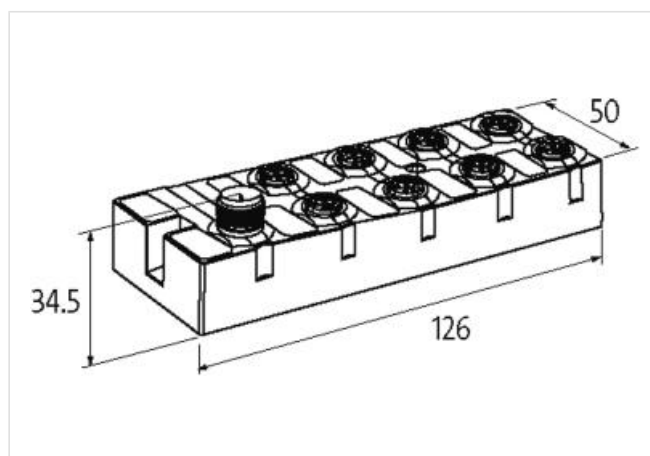
Housing fully potted.

[Link to Product](#)

Illustration



Product may differ from Image



Technical Data

Bus voltage (AS-Interface)	26.5...31.6 V DC
Profile (IO/ID/ID2 code)	S-7.A.7
Addressing	via master or M12 connection and programming device
Address range	1...62 (1...31 A or B)
Total current	max. 250 mA

General data

Mounting method	screw fixing
Temperature range	-20...+60 °C (storage temperature -20...+70 °C)
Protection	IP68
Dimensions H×W×D	126×50×34.5 mm

Output

M12 configuration	Y-wiring
Supply voltage	24 V DC external (18...30.2 V DC) EN 61131-2
Total current	max. 4 A
Switching current per output	max. 1.6 A (short-circuit and overload protected)

Input

Sensor supply US	max. 200 mA from AS-Interface (short-circuit and overload protected)
Type	for 3-wire sensors or mechanical switches, PNP

Connections

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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Fieldbus	A-coded
I/O ports	M12, 5-pole
Product article number of manufacturer	56423
Diagnostic	
Communication status	via LED
Diagnostic via LED	per module
Monitoring - no voltage	yes