

MASI20 I/O MODULE K3

4 digital inputs, 4 digital, passive safety outputs

Digital inputs and outputs

Safe outputs (Safety)

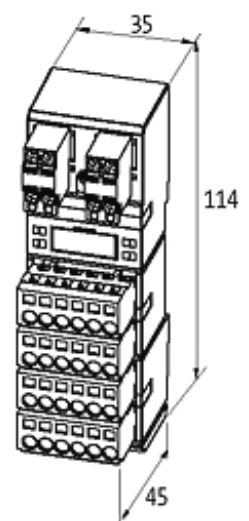
output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays

DI4 - 0.2 A DO4 - 0.5 A (AB) K3

Current manuals can be downloaded at: www.murrelektronik.com

[Link to Product](#)

Illustration



Product may differ from Image

Approvals

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: 05/15

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Input

Supply voltage	alternatively (switchable) from AS-Interface or from 24 V DC (EN 61131-2) by additional supply
Sensor supply US	max.200 mA externally or from AS Interface, (short circuit and overload protected)
Type	for 3-wire sensors or mechanical switches, PNP, (EN 61131-2)
Input current	max. 10 mA

Technical Data

Bus voltage (AS-Interface)	26.5...31.6 V DC
Total current (AS-Interface)	max. 300 mA
Addressing	via built-in address port or master
Address range	1...62 (1...31 A or B)
Profile (IO/ID/ID2 code)	S-7.A.7

General data

Protection	IP20
Connection	Spring clamp plug-in terminal: 0.2...2.5 mm ²
Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+60 °C (storage temperature -20...+70 °C)
Dimensions H × W × D	114×37×32 mm

Output

Supply voltage	24 V DC (18...30.2 V DC) EN 61131-2 by additional supply, safely separated from input supply
Switching current per output	max. 0.5 A (short-circuit and overload protected)
Total current	max. 2 A
Switch off time in case of short circuit	approx. 20 ms

Diagnostic

Communication status	via LED
Diagnostic via LED	per module
Monitoring - no voltage	yes

Commercial data

country of origin	DE
customs tariff number	85176200
minimum order quantity	1