

MASI20 I/O MODULE K3

4 digital inputs, 4 digital, passive safety outputs

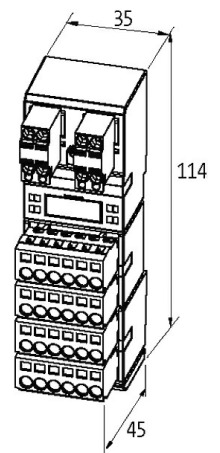
Digital inputs/outputs

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

Illustration

Product may differ from Image

Approvals**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
Input current	max. 10 mA

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

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

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

Diagnostic

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

Commercial data

country of origin	DE
customs tariff number	85176200
EAN	4048879048781
eClass	27242604
Packaging unit	1