

MVK I/O COMPACT MODULE, METAL

Profibus DP, 8 safety dig. Out/ 8 multif. channels

Digital inputs/outputs

DO4 DO4 DIO4 DIO4 (K3)

PROFIBUS 12 Mbit/s; M12, B-coded

7/8", 5-pole, max. 9 A

M12, 5-pole, A-coded

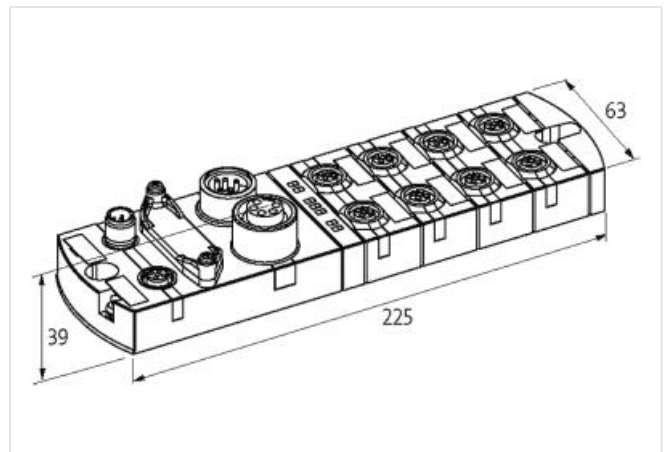
Output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays

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

Housing fully potted.

[Link to Product](#)**Illustration**

Product may differ from Image

**General data**

Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+70 °C)
Protection	IP67
Dimensions H×W×D	39×63×225 mm

PROFIBUS

Addressing	Rotary switch 1...99
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Output

Lamp load	10 W
Actuator supply UA	24 V DC (EN 61131-2), 3 circuits, (max. 9 A)
Switching current per output	max. 1.6 A (short-circuit and overload protected)

Input

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (M12 female), short-circuit and overload protected
Type	for 3-wire sensors or mechanical switches, PNP

Parameterization

PIN 4	4× input/output
PIN 2	4× Input/Output/Diagnostic

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

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

Connections

Fieldbus	PROFIBUS 12 Mbit/s; M12, B-coded
Sensor-system/actuator supply	7/8", 5-pole, max. 9 A, safe circuits (1 + 2) via separate 7/8" supply (yellow), 2-pole disconnectable
I/O ports	M12, 5-pole, A-coded

Product article number of manufacturer	55291
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Diagnostic

Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel
Actuator warning	per channel via LED and BUS
Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short-circuit and overload	yes
Cable break	per port