

MVK+ MPNIO DI8 DO8 PUSH PULL

Use only as spare part! newer version! – contact Murrelektronik

Art.No.: 55269

Weight: 1.017

Country of origin: DE

Model designation: MVK+ MPNIO DI8 DO8 Push Pull

Digital inputs/outputs

DI8 DO8

Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector

Push Pull Power connector, max. 12 A

M12, 5-pole, A-coded

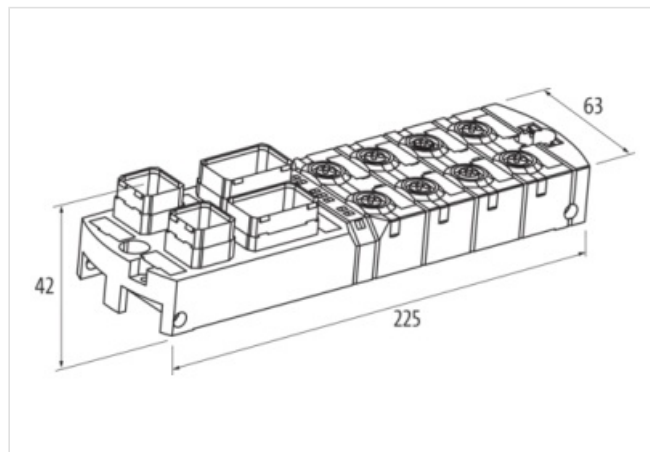
FSU (Fast-Start-Up)

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

Housing fully potted.

Link to Product**Illustration**

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/55269
GTIN	4048879051729
ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-7.1	27242604
ECLASS-8.0	27242604
ECLASS-8.1	27242604
ECLASS-9.0	27242604
ECLASS-9.1	27242604
ECLASS-10.0.1	27242604
ECLASS-10.1	27242604
ECLASS-11.0	27242604
ECLASS-11.1	27242604

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-10-03

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ECLASS-12.0	27242604
ECLASS-13.0	27242604
ECLASS-14.0	27242604
ETIM-5.0	EC001599
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
EAN	4048879051729

Electrical data | Supply

Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Total current US max.	12 A
Operating voltage UA DC	24 V
Total current UA max.	12 A

Electrical data | Input

Sensor current US per input max.	0.2 A
Short-circuit protected	yes
Overload resistant	yes
Type input	for 3-wire sensors or mechanical switches, PNP

Electrical data | Output

Output current per pin max.	2 A
Overload resistant	yes
Short-circuit protected	yes
Lamp load	10 W

Industrial communication

Supported protocol	PROFINET
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Industrial communication | Profinet

PROFINET conformance class	B
PROFINET addressing	DCP
PROFINET specification	V2.2
FSU (Fast-Start-Up)	yes
Fast start up time max.	0.5 s

Diagnostics

Actuator warning	per channel via LED and BUS
Short circuit diagnosis	yes
Overload diagnosis	yes
Cable break	per port
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
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Mechanical data | Mounting data

Height	42.7 mm
Width	63 mm
Depth	225 mm
Suitable for mounting type	2-hole screw mounting

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C

Storage temperature min.	-20 °C
Storage temperature max.	70 °C
Connection type 4	
Connection type 1	0-3
Connection type 2	4-7
Connection type 3	Port1, Port2
Connection type 4	Power In, Power Out
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC (US)
PIN 2	DI / Diag
PIN 3	0 V (US)
PIN 4	DI
PIN 5	PE
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	n.c.
PIN 2	DO
PIN 3	0 V (UA)
PIN 4	DO
PIN 5	PE
Family construction form	RJ45
No. of poles	8
Gender	female
Color contact carrier	black
PIN 1	TD +
PIN 2	TD -
PIN 3	RD +
PIN 4	n.c.
PIN 5	n.c.
PIN 6	RD -
PIN 7	n.c.
PIN 8	n.c.
Family construction form	Push Pull
No. of poles	5
Gender	male
Color contact carrier	green
PIN 1	24 V DC (US)
PIN 2	0 V (US)
PIN 3	24 V DC (UA)
PIN 4	0 V (UA)
PIN 5	PE