

**MVK I/O COMPACT MODULE, METAL**

CANopen, 16 dig. In / Diag

Art.No.: 55304

Weight: 0.822

Country of origin: DE

Model designation: MVK-MC DI8 (DI8)

Digital inputs

DI8 DI8

CAN 1 Mbit/s; M12, A-coded

7/8", 5-pole, 2× max. 9 A

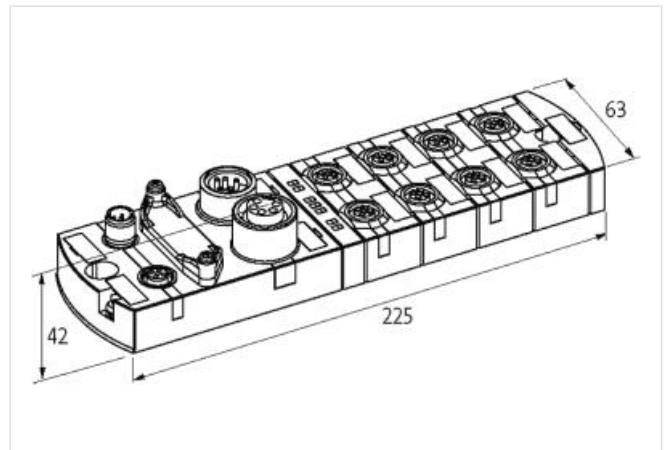
M12, 5-pole, A-coded

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

Housing fully potted.

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

Product may differ from Image

**Commercial data**

ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ECLASS-10.1	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ETIM-5.0	EC001599
customs tariff number	85176200
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GTIN	4048879051514
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Packaging unit	1
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Electrical data   Supply	
Operating voltage DC	24 V
Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Total current UA max.	9 A
Total current US max.	9 A
Electrical data   Input	
Type input	PNP, for 3-wire sensors or mechanical switches
Overload resistant	yes
Short-circuit protected	yes
Sensor current US per input max.	0,2 A
Industrial communication   Bus data	
Address range min.	1
Address range max.	99
Industrial communication   CANopen	
CANopen addressing	Rotary switch
Diagnostics	
Actuator warning	per channel via LED and BUS
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Cable break	per port
Overload diagnosis	yes
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Mechanical data   Mounting data	
Suitable for mounting type	2-hole screw mounting
Height	42 mm
Width	63 mm
Depth	225 mm
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 5	
Connection type 1	4-7
Connection type 2	Bus In
Connection type 3	Bus Out
Connection type 4	Power In
Connection type 5	Power Out
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
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
Gender	male
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	Shield
PIN 2	V +
PIN 3	V -
PIN 4	CAN_HIGH
PIN 5	CAN_LOW
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	Shield
PIN 2	V +
PIN 3	V -
PIN 4	CAN_HIGH
PIN 5	CAN_LOW
Family construction form	7/8"
Gender	male
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)
Family construction form	7/8"
Gender	female
Color contact carrier	black
No. of poles	5
PIN 1	0 V (UA)
PIN 2	0 V (US)
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)