

## MVK I/O COMPACT MODULE, METAL

CANopen, 16 dig. In / Diag

Digital inputs DI8 DI8 CAN 1 Mbit/s; M12, A-coded 7/8", 5-pole, 2× max. 9 A

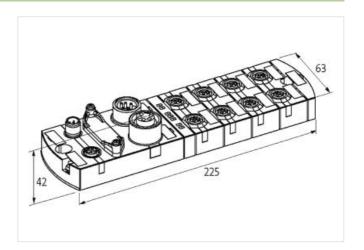
M12, 5-pole, A-coded Connection cables are in the online shop under "Connection Technology".

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	
GTIN	4048879051514	
Packaging unit	1	
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	

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: 2024-05-20



stay connected

Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches
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   Climati	ic Control of the Con
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
5555tion typo =	-ac
Connection type 3	
Connection type 3	Bus Out
Connection type 4	Bus Out Power In
Connection type 4 Connection type 5	Bus Out Power In Power Out
Connection type 4 Connection type 5 Family construction form	Bus Out Power In Power Out M12
Connection type 4 Connection type 5 Family construction form Gender	Bus Out Power In Power Out M12 female
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier	Bus Out Power In Power Out M12 female black
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding	Bus Out Power In Power Out M12 female black A
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding  No. of poles	Bus Out Power In Power Out M12 female black A
Connection type 4 Connection type 5 Family construction form Gender Color contact carrier Coding No. of poles PIN 1	Bus Out Power In Power Out M12 female black A 5 24 V DC (US)
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding  No. of poles  PIN 1  PIN 2	Bus Out Power In Power Out M12 female black A 5 24 V DC (US) DI / Diag
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding  No. of poles  PIN 1  PIN 2  PIN 3	Bus Out Power In Power Out M12 female black A 5 24 V DC (US) DI / Diag 0 V (US)
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding  No. of poles  PIN 1  PIN 2  PIN 3  PIN 4	Bus Out Power In Power Out M12 female black A 5 24 V DC (US) DI / Diag 0 V (US) DI
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding  No. of poles  PIN 1  PIN 2  PIN 3  PIN 4  PIN 5	Bus Out Power In Power Out M12 female black A 5 24 V DC (US) DI / Diag 0 V (US) DI PE
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding  No. of poles  PIN 1  PIN 2  PIN 3  PIN 4  PIN 5  Family construction form	Bus Out Power In Power Out M12 female black A 5 24 V DC (US) DI / Diag 0 V (US) DI PE
Connection type 4  Connection type 5  Family construction form  Gender  Color contact carrier  Coding  No. of poles  PIN 1  PIN 2  PIN 3  PIN 4  PIN 5	Bus Out Power In Power Out M12 female black A 5 24 V DC (US) DI / Diag 0 V (US) DI PE



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)