

MVK I/O COMPACT MODULE, METAL

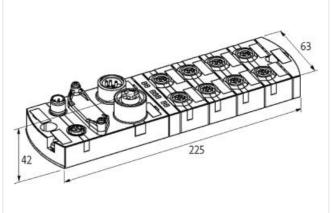
Profibus DP, 4 analog Out / 8 multif. channels

Digital inputs/outputs DIO4 DIO4 AO4 PROFIBUS 12 Mbit/s; M12, B-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	27242602	
ECLASS-7.0	27242602	
ECLASS-8.0	27242602	
ECLASS-9.0	27242602	
ECLASS-10.1	27242602	
ECLASS-11.1	27242602	
ECLASS-12.0	27242602	
ETIM-5.0	EC001597	
customs tariff number	85389099	
GTIN	4048879051590	
Packaging unit	1	
Electrical data Supply		
Norm operating voltage	EN 61131-2	
Operating voltage US DC	24 V	
Operating voltage UA 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: 2024-04-29

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



Electrical data | Input

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
Electrical data Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	1,6 A
Lamp load	10 W
Conversion time analog output	1 ms
Industrial communication Bus data	
Address range min.	1
Address range max.	99
Address setting type	Rotary switch
Diagnostics	
	per abanal via LED and PLIC
Actuator warning Diagnostic	per channel via LED and BUS
Diagnostic via BUS	No voltage, Under voltage 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
	300
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°0
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
	-20 0
Storage temperature max.	70 °C
Connection type 6	70 °C
Connection type 6 Connection type 1	70 °C 0-3
Connection type 6 Connection type 1 Connection type 2	70 °C 0-3 4-7
Connection type 6 Connection type 1 Connection type 2 Connection type 3	70 °C 0-3
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4	70 °C 0-3 4-7 Bus In
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5	70 °C 0-3 4-7 Bus In Bus Out Power In
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4	70 °C 0-3 4-7 Bus In Bus Out
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Connection type 6	70 °C 0-3 4-7 Bus In Bus Out Power In Power Out
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Connection type 6 Family construction form	70 °C 0-3 4-7 Bus In Bus Out Power In Power Out M12
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Connection type 6 Family construction form Gender	70 °C 0-3 4-7 Bus In Bus Out Power In Power Out M12 female
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Connection type 6 Family construction form Gender Color contact carrier	70 °C 0-3 4-7 Bus In Bus Out Power In Power Out M12 female green
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Connection type 6 Family construction form Gender Color contact carrier Coding	70 °C 0-3 4-7 Bus In Bus Out Power In Power Out M12 female green A
Connection type 6 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Connection type 6 Family construction form Gender Color contact carrier Coding No. of poles	70 °C 0-3 4-7 Bus In Bus Out Power In Power Out M12 female green A 5
Connection type 6Connection type 1Connection type 2Connection type 3Connection type 4Connection type 5Connection type 6Family construction formGenderColor contact carrierCodingNo. of polesPIN 1	70 °C 0-3 4-7 Bus In Bus Out Power In Power Out M12 female green A 5 24 V DC (UA)

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: 2024-04-29

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



PIN 4	Pin A
PIN 5	FE
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 / DO / Diag
PIN 3	0 V (US)
PIN 4	DI / DO
PIN 5	PE
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	В
No. of poles	5
PIN 1	n.c.
PIN 2	A GN
PIN 3	n.c.
PIN 4	B RD
PIN 5	n.c.
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	В
No. of poles	5
PIN 1	5 V 2
PIN 2	A GN
PIN 3	0 V 2
PIN 4	B RD
PIN 5	n.c.
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)

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: 2024-04-29

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