MURR ELEKTRONIK
stay connected

MVK I/O COMPACT MODULE, METAL

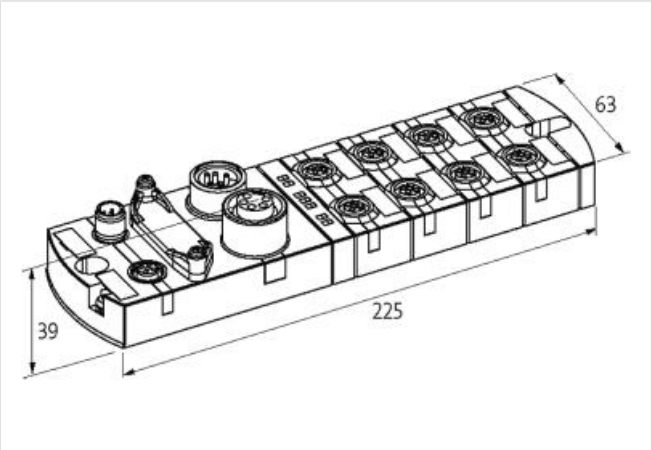
Profibus DP, 8 safety dig. Out/ 8 multif. channels

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

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	85389099
GTIN	4048879051606
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

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Total current US max.	9 A
Electrical data | Input	
Overload resistant	yes
Type input	PNP, for 3-wire sensors or mechanical switches
Sensor current US per input max.	0,2 A
Electrical data | Output	
Actuator current UA per output max.	1,6 A
Overload resistant	yes
Short-circuit protected	yes
Output current per actuator max.	1,6 A
Output current per pin max.	2 A
Lamp load	10 W
Industrial communication | Bus data	
Address range min.	1
Address range max.	99
Address setting type	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
Short-circuit protected	yes
Overload resistant	yes
Mechanical data | Mounting data	
Suitable for mounting type	2-hole screw mounting
Height	39 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 7	
Connection type 1	0, 1
Connection type 2	2, 3
Connection type 3	4-7
Connection type 4	Bus In
Connection type 5	Bus Out
Connection type 6	Power In
Connection type 7	Power Out
Family construction form	M12
Gender	female
Color contact carrier	yellow
Coding	A

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No. of poles	5
PIN 1	n.c.
PIN 2	DO
PIN 4	DO
PIN 5	PE
Family construction form	M12
Gender	female
Color contact carrier	yellow
Coding	A
No. of poles	5
PIN 1	n.c.
PIN 2	DO
PIN 3	0 V (UA 2)
PIN 4	DO
PIN 5	PE
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	24 V DC
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / DO
PIN 5	PE
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	B
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	B
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	yellow
No. of poles	5
PIN 1	0 V (UA 1)
PIN 2	0 V (UA 2)
PIN 3	PE
PIN 4	24 V DC (UA 1)
PIN 5	24 V DC (UA 2)

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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)

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