MVK I/O COMPACT MODULE, METAL

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

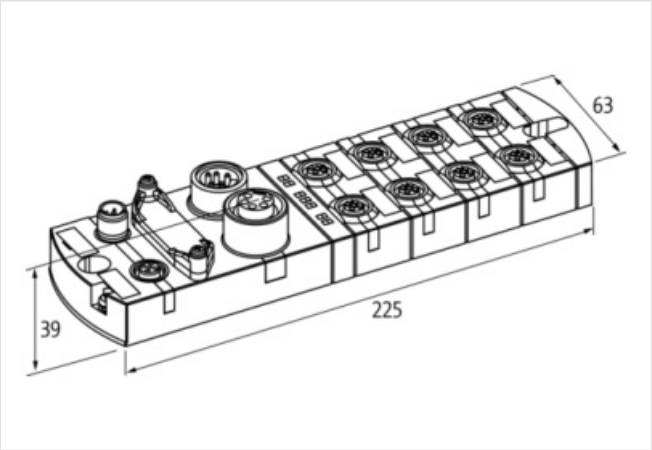
Art.No.: 55291
Weight: 0,822 kg
Country of origin: DE
Model designation: MVK-MP K3 DO4 (DO4) / DIO4 (DIO4)

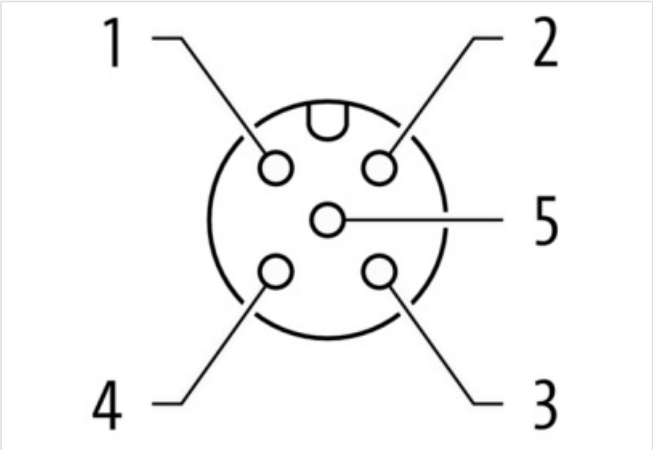
Digital inputs/outputs
DO4 DO4 DIO4 DIO4 (K3)
PROFIBUS 12 Mbit/s; M12, B-coded
7/8", 5-pole, max. 9 A
M12, 5-pole, A-coded
Output groups up to PLd (EN ISO 13849-1) can be switched off via safety relays
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

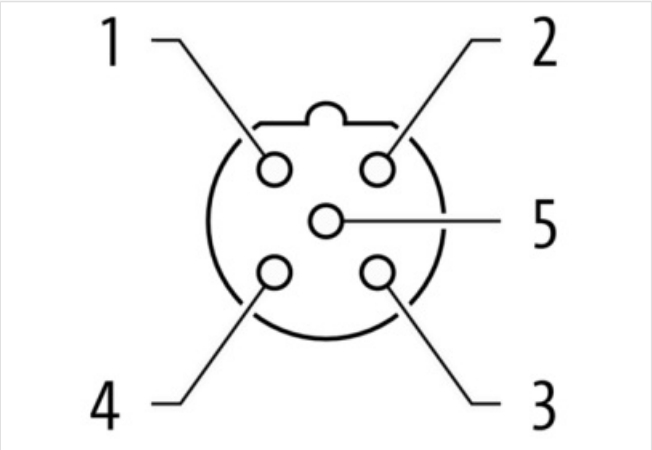
Link to Product

Illustration









Product may differ from Image

Commercial data

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URL Webshop	https://shop.murrelektronik.com/55291
GTIN	4048879051606
EU-Customs tariff number	85389099
US-Customs tariff number	8538908180
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
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
ETIM-9.0	EC001599
ETIM-10.0	EC001599
customs tariff number	85389099
EAN	4048879051606
Packaging unit	1
Electrical data | Supply	
Norm operating voltage	IEC/EN 61131-2
Operating voltage US DC	24 V
Total current US max.	9 A
Operating voltage UA DC	24 V
Total current UA max.	9 A
Electrical data | Input	
Sensor current US per input max.	0.2 A
Overload resistant	Yes
Type input	for 3-wire sensors or mechanical switches, PNP
Electrical data | Output	
Output current per pin max.	2 A
Output current per actuator max.	1.6 A
Actuator current UA per output max.	1.6 A
Overload resistant	Yes
Short-circuit protected	Yes
Lamp load	10 W
Industrial communication | Bus data	
Address setting type	Rotary switch
Address range min.	1
Address range max.	99
Diagnostics	
Actuator warning	per channel via LED and BUS
Short circuit diagnosis	Yes

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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
Overload resistant	Yes
Short-circuit protected	Yes
Mechanical data | Mounting data	
Height	39 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
Ambient temperature (storage, transport)	-20 °C … 70 °C
Connection type 7-7	
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
No. of poles	5
Coding	A
Gender	female
Color contact carrier	yellow
PIN 1	n.c.
PIN 2	DO
PIN 4	DO
PIN 5	PE
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	yellow
PIN 1	n.c.
PIN 2	DO
PIN 3	0 V (UA 2)
PIN 4	DO
PIN 5	PE
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC
PIN 2	DI / DO

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PIN 3	0 V
PIN 4	DI / DO
PIN 5	PE
Family construction form	M12
No. of poles	5
Coding	B
Gender	male
Color contact carrier	black
PIN 1	n.c.
PIN 2	A GN
PIN 3	n.c.
PIN 4	B RD
PIN 5	n.c.
Family construction form	M12
No. of poles	5
Coding	B
Gender	female
Color contact carrier	black
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"
No. of poles	5
Gender	male
Color contact carrier	yellow
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)
Family construction form	7/8"
No. of poles	5
Gender	male
Color contact carrier	black
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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