MVK MPNIO DO16 galvanic separation

MVK PROFINET compact module, metal

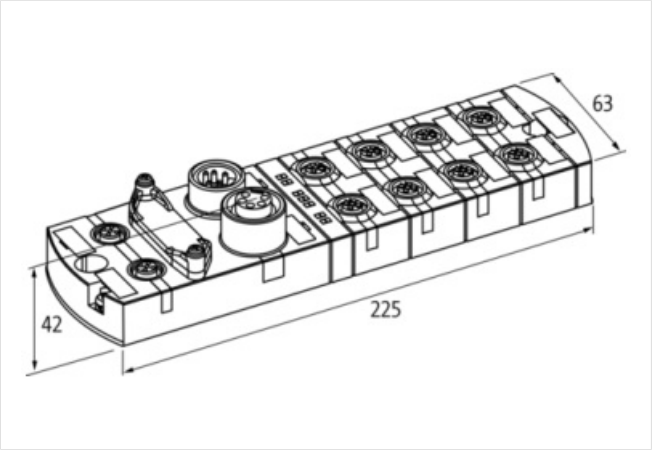
Art.No.: 54532
Weight: 0,951 kg
Country of origin: DE
Model designation: MVK MPNIO DO16

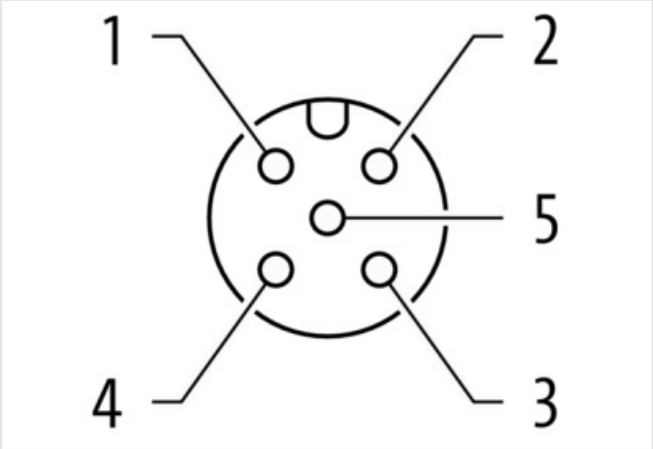
Digital outputs
DO16 (IRT)
Ethernet 10/100 Mbit/s; M12, D-coded
7/8", 5-pole, max. 9 A, protection against reverse polarization
M12, 5-pole, A-coded
Fast-Start-Up (FSU)
Galvanic isolation
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

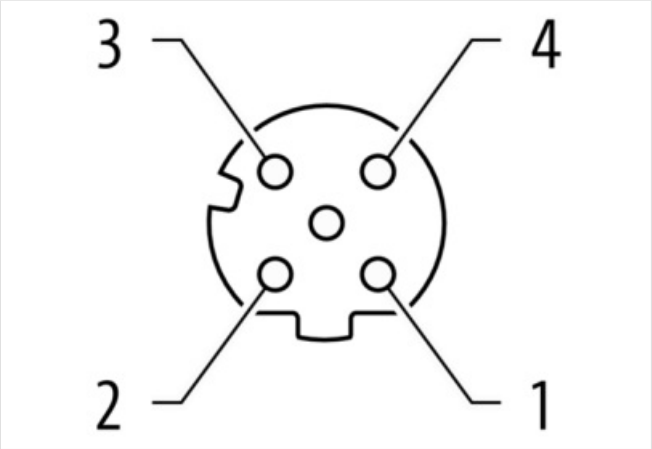
Link to Product

Illustration









Product may differ from Image

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Commercial data	
URL Webshop	https://shop.murrelektronik.com/54532
GTIN	4048879829373
EU-Customs tariff number	85389099
US-Customs tariff number	8538908180
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-9.0	EC001599
ETIM-10.0	EC001599
customs tariff number	85389099
EAN	4048879829373
Packaging unit	1
Electrical data | Supply	
Norm operating voltage	IEC/EN 61131-2
Total current US max.	9 A
Operating voltage UA DC	24 V
Total current UA max.	9 A
Electrical data | Output	
Output current per pin max.	2 A
Overload resistant	Yes
Short-circuit protected	Yes
Industrial communication | Bus data	
Supported protocol	PROFINET
Industrial communication | PROFINET	
Conformance Class	C
addressing	DCP
Netload Class	III
Specification	V2.3
IRT-network communication	Yes
MRP client	Yes
Fast-Start-Up (FSU)	Yes
Fast start up time max.	0.5 s
Shared device/input	Yes
Number of active connections (IO controller) max.	2
Diagnostics	
Actuator warning	per channel via LED and BUS
Short circuit diagnosis	Yes
Overload diagnosis	Yes
Cable break	per port

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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
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.	-25 °C
Operating temperature max.	55 °C
Ambient temperature (storage, transport)	-25 °C … 70 °C
Connection type 4-4	
Connection type 1	X0-X7
Connection type 2	XD1
Connection type 3	XD2
Connection type 4	XF1, XF2
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	n.c.
PIN 2	DO (UA)
PIN 3	0 V (UA)
PIN 4	DO (UA)
PIN 5	PE
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)
Family construction form	7/8"
No. of poles	5
Gender	female
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)
Family construction form	M12
No. of poles	4
Coding	D
Gender	female
Color contact carrier	green

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PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -

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