

MVK+ MPNIO DI8 DO8 IRT PUSH PULL

only for Daimler Projects !

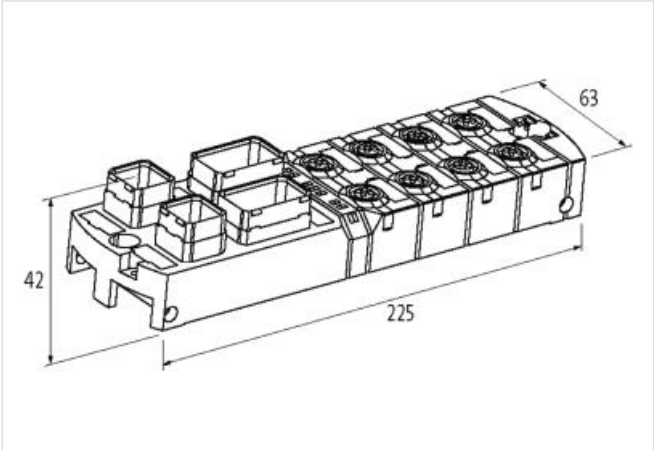
Digital inputs/outputs  
DI8 DO8 (IRT)  
Ethernet 10/100 Mbit/s; Push Pull RJ45 Data connector  
Push Pull Power connector, max. 12 A  
M12, 5-pole, A-coded  
Galvanic isolation  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

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	4048879563376
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.	12 A

Total current US max.	12 A
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**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.	2 A
Lamp load	10 W

**Industrial communication**

Supported protocol	PROFINET
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**Industrial communication | Profinet**

Number of active connections (IO controller) max.	2
FSU (Fast-Start-Up)	yes
Fast start up time max.	0,5 s
IRT (network communication)	yes
MRP client	yes
PROFINET Netload Class	III
PROFINET addressing	DCP
PROFINET conformance class	C
PROFINET specification	V2.2
Shared device/input	yes

**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
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**Mechanical data | Mounting data**

Suitable for mounting type	2-hole screw mounting
Height	42,7 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 4**

Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A

No. of poles	5
PIN 1	n.c.
PIN 2	DO
PIN 3	0 V (UA)
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 (US)
PIN 2	DI
PIN 3	0 V (US)
PIN 4	DI
PIN 5	PE
Family construction form	Push Pull
Gender	male
Color contact carrier	green
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	0 V (US)
PIN 3	24 V DC (UA)
PIN 4	0 V (UA)
PIN 5	PE
Family construction form	RJ45
Gender	female
Color contact carrier	black
No. of poles	8
PIN 1	TD +
PIN 2	TD -
PIN 3	RD +
PIN 4	n.c.
PIN 5	n.c.
PIN 6	RD -
PIN 7	n.c.
PIN 8	n.c.