

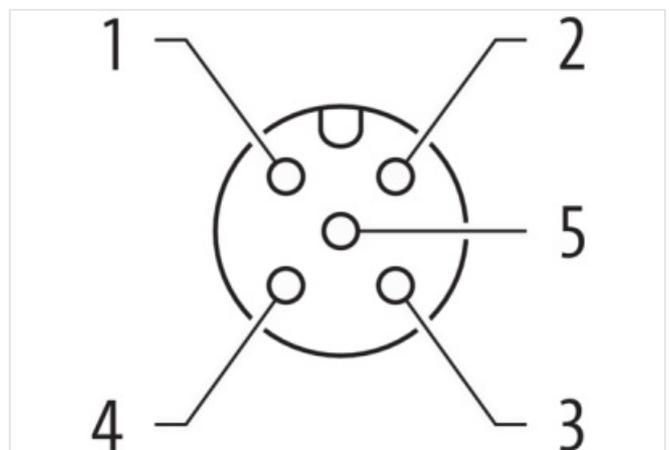
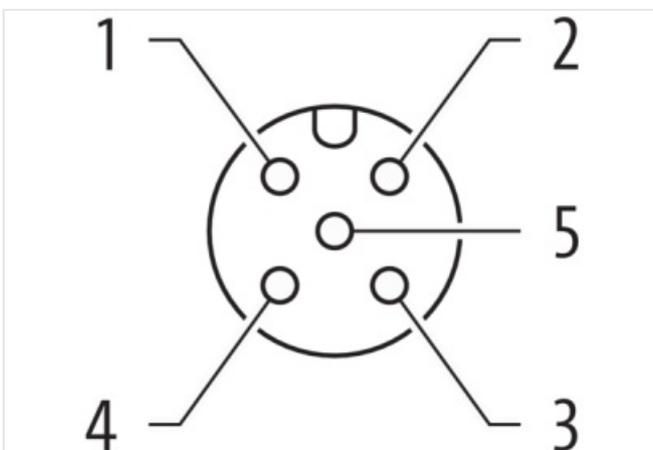
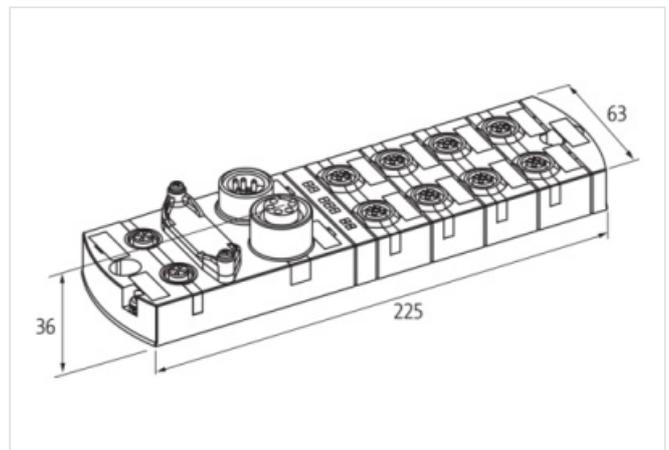
Impact67 PN DIO12 IOL4 IRT 7/8" 5pin

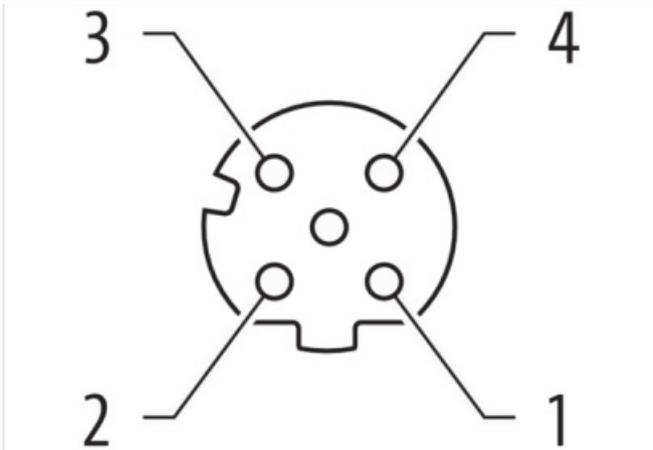
Art.No.: 55132
 Weight: 0.435 kg
 Country of origin: DE
 Model designation: Impact67 PN DIO12 IOL4 IRT

Digital inputs/outputs
 DIO12 IOL4 (IRT)
 Ethernet 10/100 Mbit/s; M12, D-coded
 7/8", 5-pole, 2× max. 9 A
 M12, 5-pole, A-coded
 IO-Link Master V1.1.2
 Connection cables are in the online shop under "Connection Technology".
 Housing fully potted.
 mounting compatible with I/O modules of the MVK series

[Link to Product](#)

Illustration





Product may differ from Image



Header

Material short text Impact67 PN DIO12 IOL4 IRT

Commercial data

URL Webshop <https://shop.murrelektronik.com/55132>

GTIN 4048879585477

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

customs tariff number 85389099

EAN 4048879585477

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
Sensor current US per IO-Link port max.	1 A
Short-circuit protected	Yes
Overload resistant	Yes
Type input	for 3-wire sensors or mechanical switches, IO-Link Devices, PNP

Electrical data | Output

Output current per pin max.	1,6 A
Overload resistant	Yes
Short-circuit protected	Yes
Lamp load	10 W

Industrial Communication

Supported protocol	Profinet
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Industrial communication | Profinet

PROFINET conformance class	C
PROFINET addressing	DCP
PROFINET Netload Class	III
PROFINET specification	V2.3
IRT (network communication)	Yes
FSU (Fast-Start-Up)	Yes
Fast start up time max.	0,5 s
Shared device/input	Yes
Number of active connections (IO controller) max.	2

Industrial communication | IO-Link

IO-Link type	4x Master
Port Class	B
IO-Link transmission rate	COM1, COM2, COM3
IO-Link process data length input	32 bytes
IO-Link process data length output	32 bytes
Automatic baudrate detection	Yes

Diagnostics

Actuator warning	per channel via LED and BUS
Cable break	per port
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic
IO-Link events	Undervoltage supply, No voltage

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
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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

Connection type 5

Connection type 1	X0, X2, X4, X6
Connection type 2	X1, X3, X5, X7
Connection type 3	XD1
Connection type 4	XD2
Connection type 5	XF1, XF2
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
PIN 3	0 V
PIN 4	DI / 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
PIN 3	0 V
PIN 4	DI / DO / IO-Link
PIN 5	0 V
Family construction form	7/8"
No. of poles	5
Gender	male
Color contact carrier	black
PIN 1	0 V
PIN 2	0 V
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
PIN 2	0 V
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	black
Mounting method	inserted, screwed
Tightening torque	0,6 Nm
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -

PIN 5

n.c.