

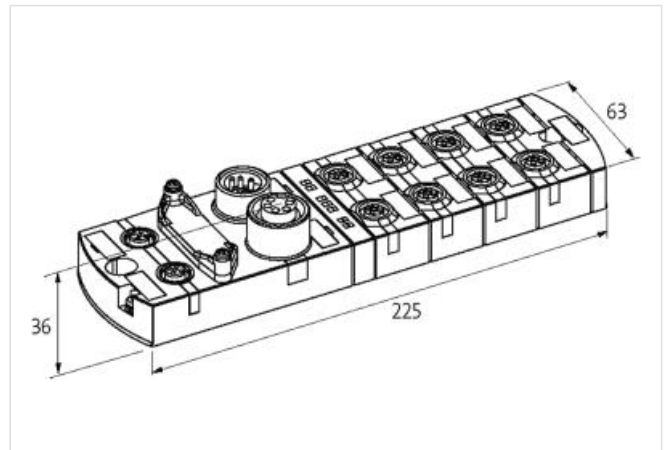
Impact67 PN DIO12 IOL4 IRT 7/8" 5pin

Art.No.: 55132
 Weight: 0.435
 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


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
customs tariff number	85389099
GTIN	4048879585477
GTIN	4048879585477
Packaging unit	1

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
Total current US max.	9 A

Electrical data | Input

Type input	PNP, for 3-wire sensors or mechanical switches, IO-Link Devices
Overload resistant	yes
Short-circuit protected	yes
Sensor current US per input max.	0,2 A
Sensor current US per IO-Link port max.	1 A

Electrical data | Output

Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	1,6 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
PROFINET Netload Class	III
PROFINET addressing	DCP
PROFINET conformance class	C
PROFINET specification	V2.3
Shared device/input	yes

Industrial communication | IO-Link

IO-Link type	4× 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
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
IO-Link events	No voltage, Undervoltage supply
LED display	Ethernet connection/data traffic
Cable break	per port

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	39 mm

Width	63 mm
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Depth	225 mm
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	55 °C
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Storage temperature min.	-25 °C
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Storage temperature max.	70 °C
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Connection type 5

Connection type 1	X0, X2, X4, X6
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Connection type 2	X1, X3, X5, X7
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Connection type 3	XD1
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Connection type 4	XD2
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Connection type 5	XF1, XF2
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Family construction form	M12
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Gender	female
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Color contact carrier	black
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Coding	A
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No. of poles	5
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PIN 1	24 V DC
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PIN 2	DI / DO
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PIN 3	0 V
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PIN 4	DI / DO
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PIN 5	PE
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Family construction form	M12
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Gender	female
--------	--------

Color contact carrier	black
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Coding	A
--------	---

No. of poles	5
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PIN 1	24 V DC
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PIN 2	DI / DO
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PIN 3	0 V
-------	-----

PIN 4	DI / DO / IO-Link
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PIN 5	0 V
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Family construction form	7/8"
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Gender	male
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Color contact carrier	black
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No. of poles	5
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PIN 1	0 V
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PIN 2	0 V
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PIN 3	PE
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PIN 4	24 V DC (US)
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PIN 5	24 V DC (UA)
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Family construction form	7/8"
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Gender	female
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Color contact carrier	black
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No. of poles	5
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PIN 1	0 V
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PIN 2	0 V
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PIN 3	PE
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PIN 4	24 V DC (US)
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PIN 5	24 V DC (UA)
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Mounting method	inserted, screwed
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Tightening torque	0,6 Nm
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	D
No. of poles	4
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -