

**IMPACT67 E DIO14 DIO2/IOL2 4P**

IMPACT67 EthernetIP compact module, plastic housing,

Art.No.: 55143

Weight: 0.487

Country of origin: DE

Model designation: IMPACT67 E DIO14 DIO2/IOL2 4P

Digital inputs/outputs

DIO14 IOL2

Ethernet 10/100 Mbit/s; M12, D-coded

7/8", 4-pole, 2× max. 9 A

M12, 5-pole, A-coded

DLR (Device Level Ring)

IO-Link Master V1.1.2

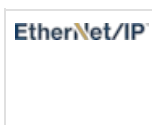
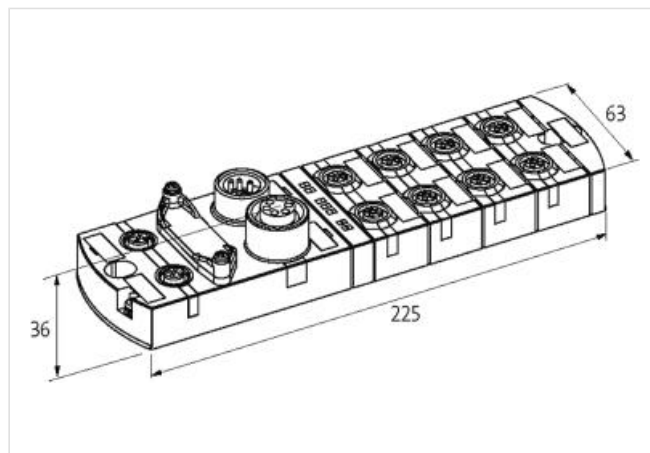
Connection cables are in the online shop under "Connection Technology".

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	4048879699716

GTIN	4048879699716
------	---------------

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
----------------------------------	-------

#### Electrical data | Output

Overload resistant	yes
--------------------	-----

Short-circuit protected	yes
-------------------------	-----

Output current per pin max.	1,6 A
-----------------------------	-------

Lamp load	10 W
-----------	------

#### Industrial communication | Ethernet/IP

CIP Sync	yes
----------	-----

Composite Test Revision	CT14
-------------------------	------

DLR (Device Level Ring)	yes
-------------------------	-----

EtherNet/IP addressing	BOOTP, DHCP, DIP switch
------------------------	-------------------------

Multiple connections	yes
----------------------	-----

Supports quick connection (QC) max.	360 ms
-------------------------------------	--------

#### Industrial communication | IO-Link

IO-Link type	2x 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 IO-Link Master
-------------	--------------------

#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
-------------------------------------	------

#### Mechanical data | Mounting data

Suitable for mounting type	2-hole screw mounting
----------------------------	-----------------------

Height	39 mm
--------	-------

Width	63 mm
-------	-------

Depth	225 mm
-------	--------

#### Environmental characteristics | Climatic

Operating temperature min.	-25 °C
----------------------------	--------

Operating temperature max.	55 °C
----------------------------	-------

Storage temperature min.	-40 °C
--------------------------	--------

Storage temperature max. 85 °C

Connection type 5	
Connection type 1	X0-X5
Connection type 2	X6, X7
Connection type 3	XD1
Connection type 4	XD2
Connection type 5	XF1, XF2
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	24 V DC
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / 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
PIN 2	DI / DO
PIN 3	0 V
PIN 4	DI / DO / IO-Link
PIN 5	0 V
Family construction form	7/8"
Gender	male
Color contact carrier	black
No. of poles	4
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	0 V
Family construction form	7/8"
Gender	female
Color contact carrier	black
No. of poles	4
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	0 V
Mounting method	inserted, screwed
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 -

