

**IMPACT67 E DIO12 DIO4/IOL4 4P**

IMPACT67 EthernetIP compact module, plastic housing,

Digital inputs/outputs

DIO12 IOL4

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

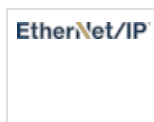
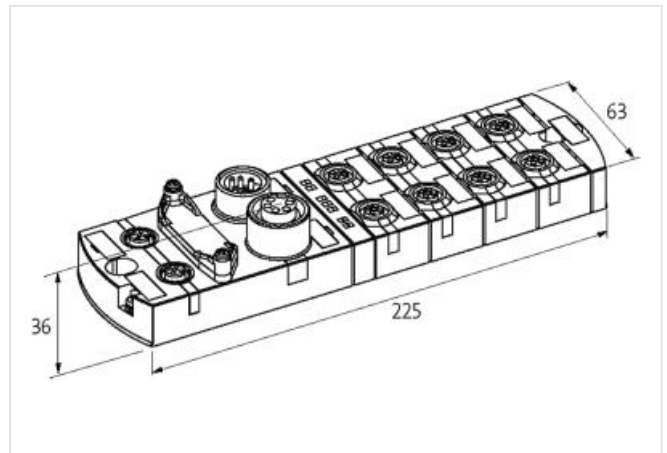
Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

mounting compatible with I/O modules of the MVK series

[Länk till produkt](#)
**Illustration**

Produkten kan skilja sig från bilden

**Kommersiella uppgifter**

|                    |               |
|--------------------|---------------|
| 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      |
| Förpackningsenhet  | 1             |
| GTIN               | 4048879699754 |
| Kundens tullnummer | 85389099      |

**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**

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| Overload resistant               | yes                                                             |
| Short-circuit protected          | yes                                                             |
| Type input                       | PNP, for 3-wire sensors or mechanical switches, IO-Link Devices |
| 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**

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

**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-X3 |
| Connection type 2 | X4-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 -              |