MURR ELEKTRONIK
stay connected

## IMPACT67 E DIO16 4P

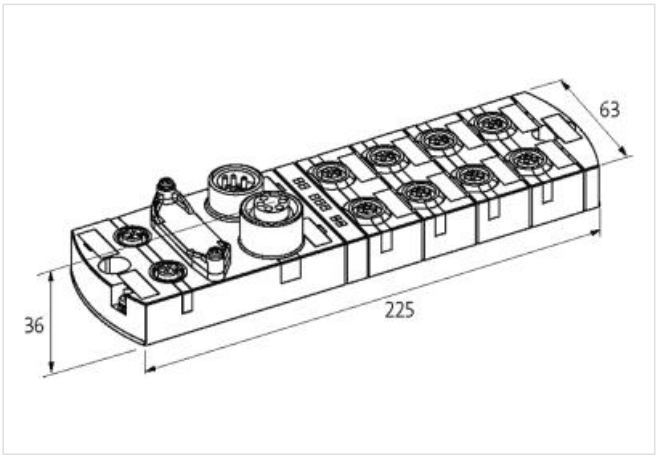
IMPACT67 EthernetIP compact module, plastic housing,

Digital inputs/outputs
DIO16
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)
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 |
| GTIN | 4048879699723 |
| Packaging unit | 1 |

### Electrical data | Supply

| | |
|---|---|
| Norm operating voltage | EN 61131-2 |
| Operating voltage US DC | 24 V |

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-03-28

MURR ELEKTRONIK
stay connected

| | |
|---|---|
| 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 |
| 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 |
| **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 |
| LED display | Ethernet connection/data traffic |
| **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 4** | |
| Connection type 1 | X0-X7 |
| Connection type 2 | XD1 |
| Connection type 3 | XD2 |
| Connection type 4 | 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 |

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-03-28

| | |
|---|---|
| PIN 4 | DI / DO |
| PIN 5 | PE |
| 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 - |

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-03-28