

**IMPACT67 E DIO16 4P**

IMPACT67 EthernetIP compact module, plastic housing,

Art.No.: 55142

Weight: 0.487

Country of origin: DE

Model designation: IMPACT67 E DIO16 4P

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)

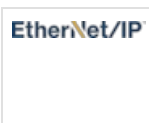
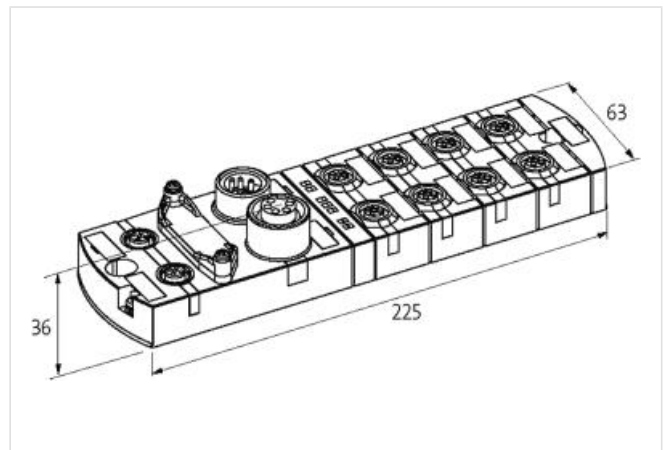
Connection cables are in the online shop under "Connection Technology".

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      |
| customs tariff number | 85389099      |
| EAN                   | 4048879699723 |
| EAN                   | 4048879699723 |

|                                                 |                                                |
|-------------------------------------------------|------------------------------------------------|
| Packaging unit                                  | 1                                              |
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| <b>Electrical data   Supply</b>                 |                                                |
| 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                                            |
| <b>Electrical data   Input</b>                  |                                                |
| Type input                                      | PNP, for 3-wire sensors or mechanical switches |
| Overload resistant                              | yes                                            |
| Short-circuit protected                         | yes                                            |
| Sensor current US per input max.                | 0,2 A                                          |
| <b>Electrical data   Output</b>                 |                                                |
| Overload resistant                              | yes                                            |
| Short-circuit protected                         | yes                                            |
| Output current per pin max.                     | 1,6 A                                          |
| Lamp load                                       | 10 W                                           |
| <b>Industrial communication   Ethernet/IP</b>   |                                                |
| 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                                         |
| <b>Diagnostics</b>                              |                                                |
| 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               |
| <b>Device protection   Electrical</b>           |                                                |
| Degree of protection (EN IEC 60529)             | IP67                                           |
| <b>Mechanical data   Mounting data</b>          |                                                |
| Suitable for mounting type                      | 2-hole screw mounting                          |
| Height                                          | 39 mm                                          |
| Width                                           | 63 mm                                          |
| Depth                                           | 225 mm                                         |
| <b>Environmental characteristics   Climatic</b> |                                                |
| Operating temperature min.                      | -25 °C                                         |
| Operating temperature max.                      | 55 °C                                          |
| Storage temperature min.                        | -40 °C                                         |
| Storage temperature max.                        | 85 °C                                          |
| <b>Connection type 4</b>                        |                                                |
| 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               |
| 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 -              |