

**Impact67 PN DIO12 DIO4/IOL4 M12L 4P**

ProfiNet, Compact module,

Digital inputs/outputs

DIO12 IOL4 (IRT)

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

M12 Power, 4-pole, L-coded

M12, 5-pole, A-coded

IO-Link Master V1.1.2

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

Housing fully potted.

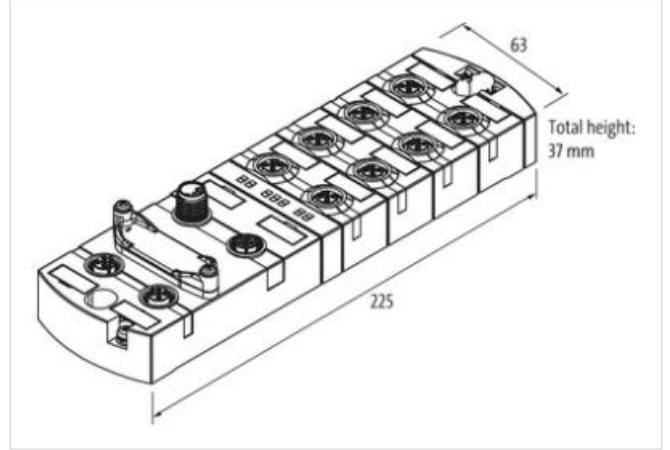
mounting compatible with I/O modules of the MVK series

**Ürün Linki**

örnekleme



Ürün Image farklı olabilir


**Ticari bilgiler**

|                         |               |
|-------------------------|---------------|
| 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      |
| GTIN                    | 4048879735766 |
| Gümrük tarife no (gtip) | 85389099      |
| Paket miktarı           | 1             |

**Electrical data | Supply**

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

Bu veri sayfasındaki bilgiler en büyük özenle hazırlandı.

Bilgilerin doğruluğu bütünlüğü ve güncelliği konusunda yükümlülük ihmalî sınırlıdır. Sürüm: 2024-04-24

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|                                                   |                                                                 |
|---------------------------------------------------|-----------------------------------------------------------------|
| Total current UA max.                             | 16 A                                                            |
| Total current US max.                             | 16 A                                                            |
| <b>Electrical data   Input</b>                    |                                                                 |
| 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                                                           |
| Sensor current US per IO-Link port max.           | 1 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                                                            |
| Total current output max.                         | 9 A                                                             |
| <b>Industrial communication</b>                   |                                                                 |
| Supported protocol                                | PROFINET                                                        |
| <b>Industrial communication   Profinet</b>        |                                                                 |
| 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                                                             |
| <b>Industrial communication   IO-Link</b>         |                                                                 |
| 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                                                               |
| <b>Diagnostics</b>                                |                                                                 |
| 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                                                        |
| <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                                            | 37 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. | -25 °C |
| Storage temperature max. | 70 °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 | M12               |
| Gender                   | male              |
| Color contact carrier    | black             |
| Coding                   | L                 |
| No. of poles             | 5                 |
| PIN 1                    | 24 V DC (US)      |
| PIN 2                    | 0 V               |
| PIN 3                    | 0 V               |
| PIN 4                    | 24 V DC (UA)      |
| PIN 5                    | n.c.              |
| Family construction form | M12               |
| Gender                   | female            |
| Color contact carrier    | black             |
| Coding                   | L                 |
| No. of poles             | 4                 |
| PIN 1                    | 24 V DC (US)      |
| PIN 2                    | 0 V               |
| PIN 3                    | 0 V               |
| PIN 4                    | 24 V DC (UA)      |
| 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 - |