MURR ELEKTRONIK
stay connected

## CUBE67 I/O EXTENSION MODULE

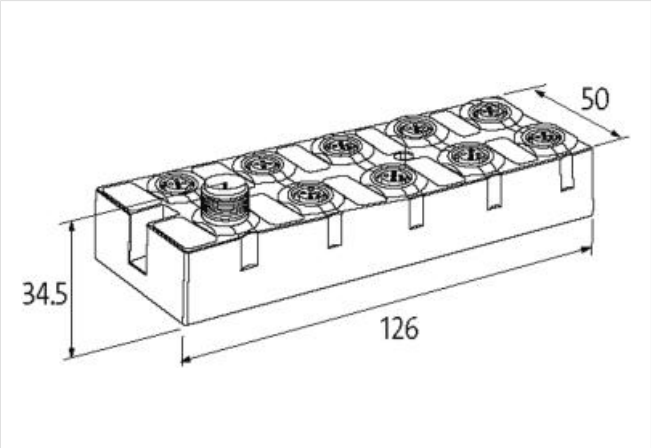
16 digital NPN inputs

Expansion module
DI16 (E) NPN - 8× M12
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

**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 | 4048879048552 |
| Packaging unit | 1 |

### Electrical data | Supply

| | |
|---|---|
| Norm operating voltage | EN 61131-2 |
| Operating voltage US DC | 24 V |
| Current consumption max. | 50 mA |
| Total current UA max. | 4 A |
| Total current US max. | 4 A |

### Electrical data | Input

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

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-03-28

| | |
|---|---|
| Short-circuit protected | yes |
| Type input | for 3-wire sensors or mechanical switches, NPN |
| Input filter time | 1 ms |
| Sensor current US per input max. | 0,2 A |
| **Diagnostics** | |
| Diagnostic | No voltage, Under voltage |
| Diagnostic via BUS | per module and channel |
| Diagnostic via LED | per module and channel |
| Short circuit diagnosis | yes |
| LED display | Ethernet connection/data traffic |
| Overload diagnosis | yes |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP67 |
| **Mechanical data \| Mounting data** | |
| Suitable for mounting type | 2-hole screw mounting |
| Height | 126 mm |
| Width | 50 mm |
| Depth | 34,5 mm |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | 0 °C |
| Operating temperature max. | 55 °C |
| Storage temperature min. | -20 °C |
| Storage temperature max. | 75 °C |
| **Connection type 3** | |
| Connection type 1 | 0-7 |
| Connection type 2 | Bus In |
| Connection type 3 | Bus Out |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 5 |
| PIN 1 | 24 V DC (US) |
| PIN 2 | DI / Diag 10-17 |
| PIN 3 | 0 V |
| PIN 4 | DI 0-7 |
| PIN 5 | PE |
| Family construction form | M12 |
| Gender | male |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 6 |
| PIN 1 | 24 V DC (UA) |
| PIN 2 | 24 V DC (US) |
| PIN 3 | 0 V |
| PIN 4 | Bus internal |
| PIN 5 | Bus internal |
| PIN 6 | 0 V |
| Family construction form | M12 |
| Gender | female |
| Color contact carrier | black |
| Coding | A |

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| | |
|---|---|
| No. of poles | 6 |
| PIN 1 | 24 V DC (UA) |
| PIN 2 | 24 V DC (US) |
| PIN 3 | 0 V |
| PIN 4 | Bus internal |
| PIN 5 | Bus internal |
| PIN 6 | 0 V |

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