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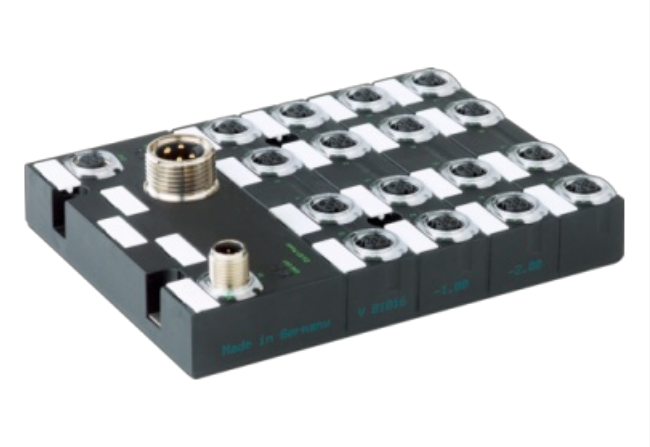
## CUBE67 I/O EXTENSION MODULE

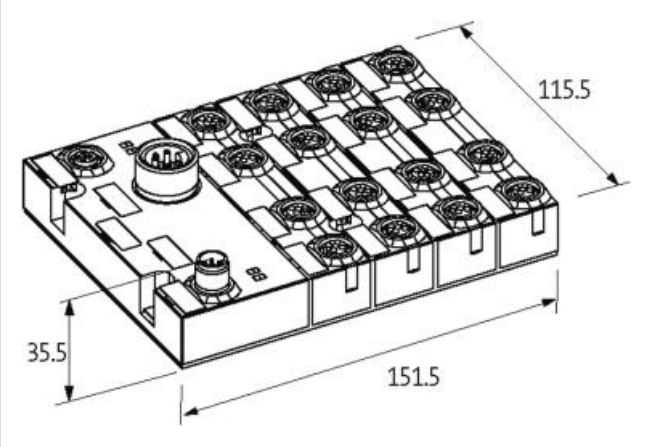
32 multifunction channels

Expansion module
DIO32 - 0.5 A (E) - 16× M12
Digital inputs/outputs (multifunctional)
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 | 4048879353083 |
| Packaging unit | 1 |

### Electrical data | Supply

| | |
|---|---|
| Operating voltage DC | 24 V |
| Operating voltage US DC | 24 V |
| Current consumption max. | 60 mA |
| Total current UA max. | 4 A |
| Total current US max. | 4 A |

### Electrical data | Input

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| | |
|---|---|
| Overload resistant | yes |
| Short-circuit protected | yes |
| Type input | PNP, for 3-wire sensors or mechanical switches |
| Input filter time | 1 ms |
| Sensor current US per input max. | 0,2 A |
| **Electrical data \| Output** | |
| Output current max. | 0,5 A |
| Load lamp side 1 max. | 10 W |
| Load lamp side 2 max. | 10 W |
| **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 |
| Short circuit diagnosis | yes |
| LED display | Ethernet connection/data traffic |
| Overload diagnosis | yes |
| **Device protection \| Electrical** | |
| Degree of protection (EN IEC 60529) | IP67 |
| Overload resistant | yes |
| **Mechanical data \| Mounting data** | |
| Suitable for mounting type | 4 hole screw mounting |
| Height | 151,5 mm |
| Width | 115,5 mm |
| Depth | 35,5 mm |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | 0 °C |
| Operating temperature max. | 55 °C |
| Storage temperature min. | -20 °C |
| Storage temperature max. | 75 °C |
| **Conformity** | |
| Product standard | EN 61131-2 |
| **Connection type 4** | |
| Connection type 1 | 0-7 |
| Connection type 2 | Bus In |
| Connection type 3 | Bus Out |
| Connection type 4 | Power In (UA 0) (UA 1) |
| 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 / DO / Diag |
| PIN 3 | 0 V |
| PIN 4 | DI / DO |
| PIN 5 | PE |
| Family construction form | M12 |
| Gender | male |
| 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 |
| Family construction form | M12 |
| Gender | female |
| 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 | 7/8" |
| Gender | male |
| Color contact carrier | black |
| No. of poles | 5 |
| PIN 1 | 0 V |
| PIN 2 | 0 V |
| PIN 3 | PE |
| PIN 4 | 24 V DC (UA 0) |
| PIN 5 | 24 V DC (UA 1) |

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