## CUBE67 I/O EXTENSION MODULE K3

12 digital, passive safety outputs

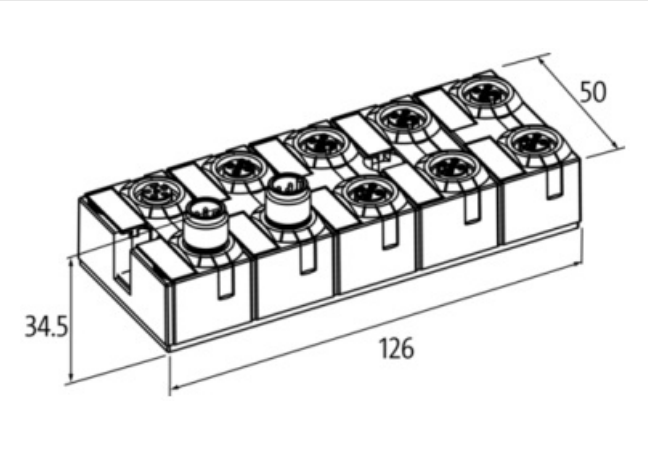
Art.No.: 56605
Weight: 0,240 kg
Country of origin: CZ
Model designation: Cube67 DO6 (DO6) E 6xM12 K3

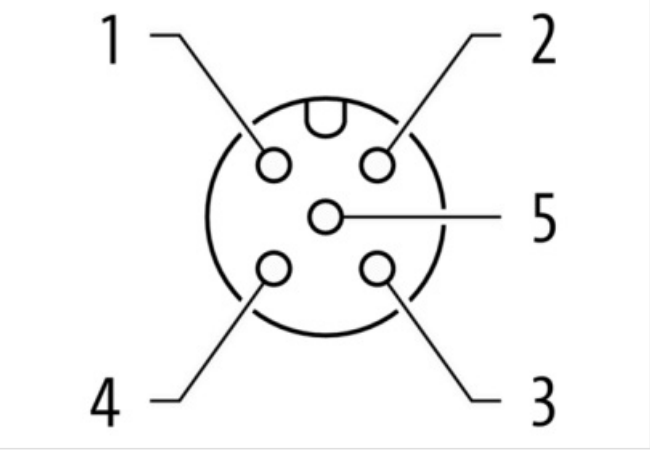
Expansion module - Safety
DO6 DO6 (E) - 6× M12 (K3)
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

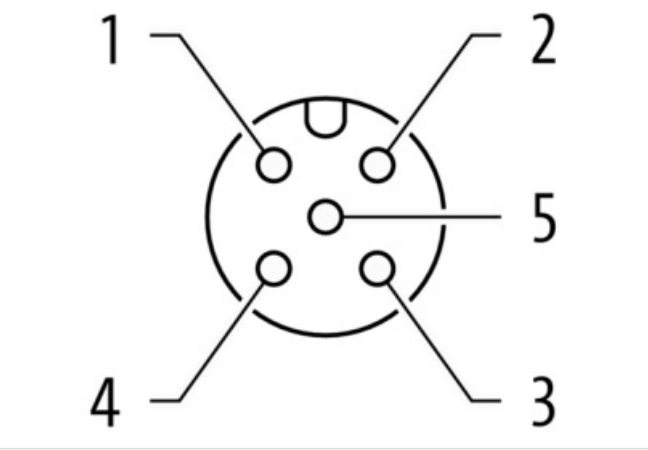
Link to Product

### Illustration






Product may differ from Image

### Commercial data

| | |
|---|---|
| URL Webshop | https://shop.murrelektronik.com/56605 |
| GTIN | 4048879048569 |
| EU-Customs tariff number | 85389099 |

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: 2026-10-14

| | |
|---|---|
| US-Customs tariff number | 8538908180 |
| ECLASS-6.0 | 27242604 |
| ECLASS-6.1 | 27242604 |
| ECLASS-7.0 | 27242604 |
| ECLASS-7.1 | 27242604 |
| ECLASS-8.0 | 27242604 |
| ECLASS-8.1 | 27242604 |
| ECLASS-9.0 | 27242604 |
| ECLASS-9.1 | 27242604 |
| ECLASS-10.0.1 | 27242604 |
| ECLASS-10.1 | 27242604 |
| ECLASS-11.0 | 27242604 |
| ECLASS-11.1 | 27242604 |
| ECLASS-12.0 | 27242604 |
| ECLASS-13.0 | 27242604 |
| ECLASS-14.0 | 27242604 |
| ETIM-5.0 | EC001599 |
| ETIM-6.0 | EC001599 |
| ETIM-7.0 | EC001599 |
| ETIM-8.0 | EC001599 |
| ETIM-9.0 | EC001599 |
| ETIM-10.0 | EC001599 |
| customs tariff number | 85389099 |
| EAN | 4048879048569 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Norm operating voltage | IEC/EN 61131-2 |
| Total current US max. | 4 A |
| Operating voltage UA DC | 24 V |
| Total current UA max. | 4 A |
| Current consumption max. | 50 mA |
| **Electrical data \| Output** | |
| Output current per pin max. | 1.6 A |
| Overload resistant | Yes |
| Short-circuit protected | Yes |
| **Diagnostics** | |
| Actuator warning | per channel via LED and BUS |
| Short circuit diagnosis | Yes |
| Overload diagnosis | Yes |
| 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** | |
| Height | 126 mm |
| Width | 50 mm |
| Depth | 34.5 mm |
| Suitable for mounting type | 2-hole screw mounting |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | 0 °C |

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| | |
|---|---|
| Operating temperature max. | 55 °C |
| Ambient temperature (storage, transport) | -20 °C … 70 °C |
| **Connection type 5-5** | |
| Connection type 1 | 0-5 |
| Connection type 2 | Bus In |
| Connection type 3 | Bus Out |
| Connection type 4 | Power In |
| Connection type 5 | Power Out |
| Family construction form | M12 |
| No. of poles | 5 |
| Coding | A |
| Gender | female |
| Color contact carrier | black |
| PIN 1 | n.c. |
| PIN 2 | DO |
| PIN 3 | 0 V (UA 1 / UA 2) |
| PIN 4 | DO |
| PIN 5 | PE |
| Family construction form | M12 |
| No. of poles | 6 |
| Coding | A |
| Gender | male |
| Color contact carrier | black |
| 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 |
| No. of poles | 6 |
| Coding | A |
| Gender | female |
| Color contact carrier | black |
| 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 |
| No. of poles | 5 |
| Coding | A |
| Gender | male |
| Color contact carrier | black |
| PIN 1 | + UA 1 |
| PIN 2 | 0 V |
| PIN 3 | 0 V |
| PIN 4 | + UA 2 |
| PIN 5 | PE |
| Family construction form | M12 |
| No. of poles | 5 |
| Coding | A |

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| | |
|---|---|
| Gender | female |
| Color contact carrier | black |
| PIN 1 | + UA 1 |
| PIN 2 | 0 V |
| PIN 3 | 0 V |
| PIN 4 | + UA 2 |
| PIN 5 | PE |

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