

**CUBE67 I/O EXTENSION MODULE, 16 multifunction channels**

Cube67 DIO16 E 8xM8 4-pole

Expansion module

DIO16 - 0.5 A (E) - 8x M8

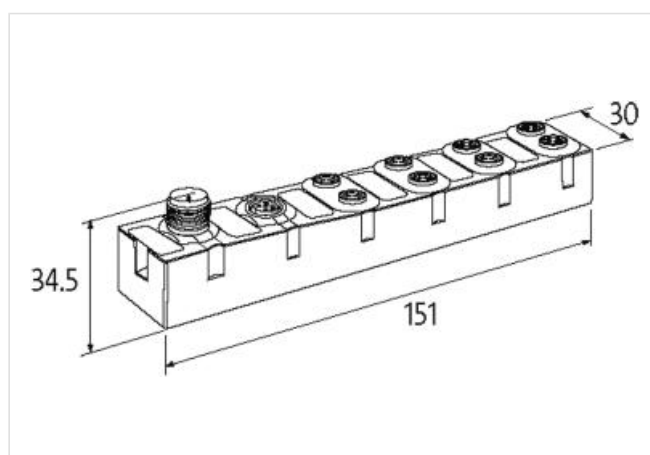
4-pole

short-circuit and overload protected

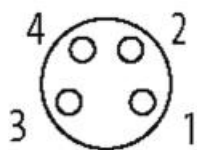
Digital inputs/outputs (multifunctional)

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

Housing fully potted.

[Link til artikel](#)**Billede**

Female

PIN 1:  $U_s$ : +24 V

PIN 2: DIO 0.5 A 0.x

PIN 3: 0 V DC

PIN 4: DIO 0.5 A 1.x

Produktet kan afvige fra billedet

**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                  | 4048879579605 |
| Pakke-enhed           | 1             |

**Electrical data | Supply**

|                          |            |
|--------------------------|------------|
| Norm operating voltage   | EN 61131-2 |
| Operating voltage US DC  | 24 V       |
| Operating voltage UA DC  | 24 V       |
| Current consumption max. | 30 mA      |
| Total current UA max.    | 4 A        |
| Total current US max.    | 4 A        |

**Electrical data | Input**

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| 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**

|                             |       |
|-----------------------------|-------|
| Overload resistant          | yes   |
| Short-circuit protected     | yes   |
| Output current per pin max. | 0,5 A |
| Lamp load                   | 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 |
|-------------------------------------|------|

**Mechanical data | Mounting data**

|                            |                       |
|----------------------------|-----------------------|
| Suitable for mounting type | 2-hole screw mounting |
| Height                     | 151 mm                |
| Width                      | 30 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 | M8           |
| Gender                   | female       |
| Color contact carrier    | black        |
| Coding                   | A            |
| No. of poles             | 4            |
| PIN 1                    | 24 V DC (US) |
| PIN 2                    | DI / DO      |
| PIN 3                    | 0 V          |
| PIN 4                    | DI / DO      |
| 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            |
| 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          |