

Cube67 Valve-Interface, I/O Extension Module

DO16, MAC Valves, D-Sub HD44F 44 pol.,

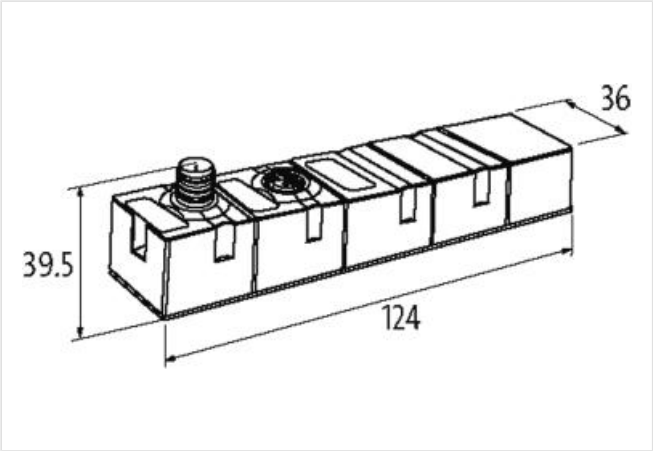
Expansion module  
Cube67 DO16 E - Valve  
Multipole plug (0.5 A)  
MAC - SUB-D44  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

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                     | 4048879048392 |
| Packaging unit           | 1             |
| Electrical data   Supply |               |
| Norm operating voltage   | EN 61131-2    |
| Operating voltage UA DC  | 24 V          |
| Current consumption max. | 50 mA         |
| Total current UA max.    | 4 A           |
| Total current US max.    | 4 A           |
| Electrical data   Output |               |

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

**Diagnostics**

|                         |                                  |
|-------------------------|----------------------------------|
| Actuator warning        | per channel via BUS              |
| Diagnostic              | No voltage, Under voltage        |
| Diagnostic via BUS      | per module and channel           |
| Diagnostic via LED      | per module                       |
| 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                     | 124 mm                |
| Width                      | 36 mm                 |
| Depth                      | 39,5 mm               |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | 0 °C   |
| Operating temperature max. | 55 °C  |
| Storage temperature min.   | -20 °C |
| Storage temperature max.   | 70 °C  |

**Connection type 3**

|                          |              |
|--------------------------|--------------|
| Connection type 1        | Bus In       |
| Connection type 2        | Bus Out      |
| Connection type 3        | Data         |
| 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          |
| Family construction form | D-Sub        |
| Gender                   | female       |
| No. of poles             | 44           |

|        |        |
|--------|--------|
| PIN 1  | Out 0  |
| PIN 2  | Out 1  |
| PIN 3  | Out 2  |
| PIN 4  | Out 3  |
| PIN 5  | Out 4  |
| PIN 6  | Out 5  |
| PIN 7  | Out 6  |
| PIN 8  | Out 7  |
| PIN 9  | Out 8  |
| PIN 10 | Out 9  |
| PIN 11 | Out 10 |
| PIN 12 | Out 11 |
| PIN 13 | Out 12 |
| PIN 14 | Out 13 |
| PIN 15 | Out 14 |
| PIN 16 | Out 15 |
| PIN 33 | Sens   |
| PIN 34 | 0 V    |
| PIN 35 | 0 V    |
| PIN 36 | 0 V    |
| PIN 37 | 0 V    |
| PIN 38 | 0 V    |
| PIN 39 | 0 V    |
| PIN 40 | 0 V    |
| PIN 41 | 0 V    |
| PIN 42 | 0 V    |
| PIN 43 | FE     |
| PIN 44 | FE     |