

CUBE67 I/O EXTENSION MODULE

8 multifunction channels

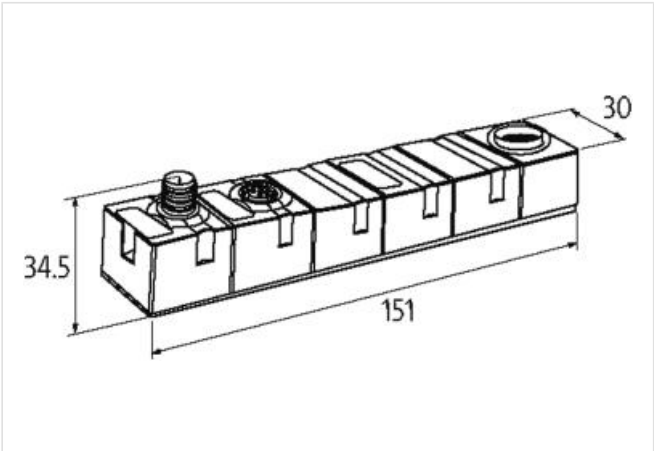
Expansion module  
DIO8 - 0.5 A (E) M16  
Digital inputs/outputs (multifunctional)  
Connection cables are in the online shop under "Connection Technology".  
Housing fully potted.

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                     | 4048879048323 |
| Packaging unit           | 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                  |                                                |
|------------------------------------------|------------------------------------------------|
| Type input                               | PNP, for 3-wire sensors or mechanical switches |
| Input filter time                        | 1 ms                                           |
| Current carrying capacity max.           | 0,2 A                                          |
| Electrical data   Output                 |                                                |
| Overload resistant                       | yes                                            |
| Short-circuit protected                  | yes                                            |
| Output current per pin max.              | 0,5 A                                          |
| Industrial communication                 |                                                |
| Parameterization I/O channels            | Diagnoseeingang, Input, Output                 |
| 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                                   | 150 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 2                        |                                                |
| Connection type 1                        | Bus Out                                        |
| Connection type 2                        | noname                                         |
| 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                 | M16                                            |
| Gender                                   | male                                           |
| Coding                                   | A                                              |
| No. of poles                             | 12                                             |
| PIN A                                    | 24 V DC                                        |
| PIN E                                    | I / O 6                                        |
| PIN G                                    | I / O 4                                        |

|       |         |
|-------|---------|
| PIN J | I / O 1 |
| PIN L | 0 V     |
| PIN M | 24 V DC |
| PIN O | I / O 7 |
| PIN P | I / O 0 |
| PIN R | I / O 5 |
| PIN S | I / O 3 |
| PIN T | I / O 2 |
| PIN U | 0 V     |