

TERMINAL MODULE CUBE 67 IP67

8 digital inputs, 8 multifunction channels, PK

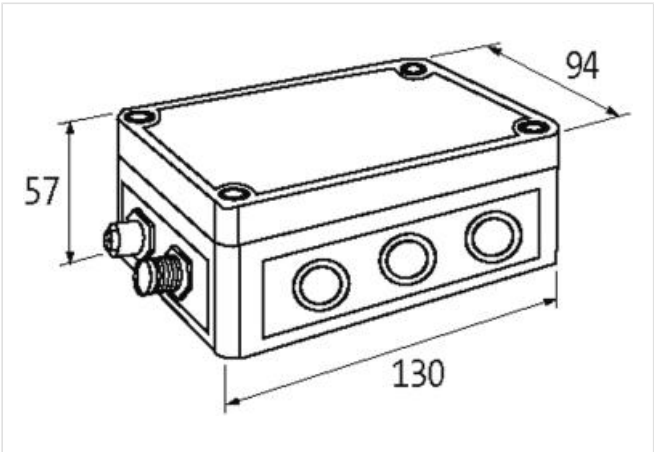
Terminal module  
DIO8/DI8 - (E) TB-Box  
with additional potential terminals  
Connection cables are in the online shop under "Connection Technology".

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    | 85176200      |
| GTIN                     | 4048879044844 |
| 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. | 50 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                                           |
| Sensor current US per input max.                | 0,2 A                                          |
| <b>Electrical data   Output</b>                 |                                                |
| Overload resistant                              | yes                                            |
| Short-circuit protected                         | yes                                            |
| Output current per pin max.                     | 0,5 A                                          |
| Lamp load                                       | 10 W                                           |
| <b>Diagnostics</b>                              |                                                |
| 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                                            |
| <b>Installation   Pin assignment</b>            |                                                |
| Terminal row X0                                 | Input                                          |
| Terminal row X1                                 | Input/Output                                   |
| <b>Device protection   Electrical</b>           |                                                |
| Degree of protection (EN IEC 60529)             | IP66                                           |
| <b>Mechanical data   Mounting data</b>          |                                                |
| Mounting method                                 | screwed                                        |
| Height                                          | 130 mm                                         |
| Width                                           | 94 mm                                          |
| Depth                                           | 57 mm                                          |
| <b>Environmental characteristics   Climatic</b> |                                                |
| Operating temperature min.                      | 0 °C                                           |
| Operating temperature max.                      | 55 °C                                          |
| Storage temperature min.                        | -20 °C                                         |
| Storage temperature max.                        | 75 °C                                          |
| <b>Connection type 7</b>                        |                                                |
| Connection type 1                               | Bus In                                         |
| Connection type 2                               | Bus Out                                        |
| Connection type 3                               | X0                                             |
| Connection type 4                               | X1                                             |
| Connection type 5                               | X2                                             |
| Connection type 6                               | X3                                             |
| Connection type 7                               | X4                                             |
| 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                       |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 8                         |
| PIN 1                    | DI 10                     |
| PIN 2                    | DI 11                     |
| PIN 3                    | DI 12                     |
| PIN 4                    | DI 13                     |
| PIN 5                    | DI 14                     |
| PIN 6                    | DI 15                     |
| PIN 7                    | DI 16                     |
| PIN 8                    | DI 17                     |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 8                         |
| PIN 1                    | DI / DO 00                |
| PIN 2                    | DI / DO 01                |
| PIN 3                    | DI / DO 02                |
| PIN 4                    | DI / DO 03                |
| PIN 5                    | DI / DO 04                |
| PIN 6                    | DI / DO 05                |
| PIN 7                    | DI / DO 06                |
| PIN 8                    | DI / DO 07                |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 8                         |
| PIN 1                    | 24 V DC (US) 00           |
| PIN 2                    | 24 V DC (US) 01           |
| PIN 3                    | 24 V DC (US) 02           |
| PIN 4                    | 24 V DC (US) 03           |
| PIN 5                    | 24 V DC (US) 04           |
| PIN 6                    | 24 V DC (US) 05           |
| PIN 7                    | 24 V DC (US) 06           |
| PIN 8                    | 24 V DC (US) 07           |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 8                         |

|                          |                           |
|--------------------------|---------------------------|
| PIN 1                    | 0 V 00                    |
| PIN 2                    | 0 V 01                    |
| PIN 3                    | 0 V 02                    |
| PIN 4                    | 0 V 03                    |
| PIN 5                    | 0 V 04                    |
| PIN 6                    | 0 V 05                    |
| PIN 7                    | 0 V 06                    |
| PIN 8                    | 0 V 07                    |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 8                         |
| PIN 1                    | 00-00                     |
| PIN 2                    | 00-00                     |
| PIN 3                    | 01-01                     |
| PIN 4                    | 01-01                     |
| PIN 5                    | 02-02                     |
| PIN 6                    | 02-02                     |
| PIN 7                    | 03-03                     |
| PIN 8                    | 03-03                     |