

**CUBE20S DIGITAL INPUT MODULE DI2**

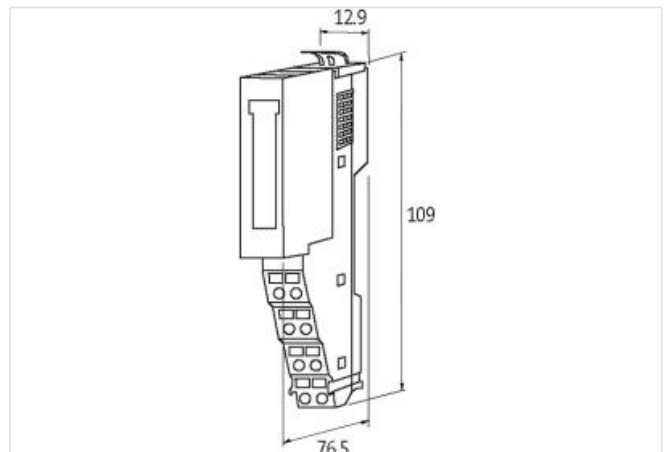
2x24VDC NPN

Expansion module

DI2 - (E) NPN

[Link to Product](#)**Illustration**

Product may differ from Image

**Commercial data**

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27242604      |
| ECLASS-7.0            | 27242604      |
| ECLASS-8.0            | 27242604      |
| ECLASS-9.0            | 27242604      |
| ETIM-5.0              | EC001599      |
| customs tariff number | 85389099      |
| GTIN                  | 4048879423380 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                          |                       |
|--------------------------|-----------------------|
| Norm operating voltage   | EN 61131-2            |
| Operating voltage US DC  | 24 V                  |
| Current consumption max. | 60 mA                 |
| module supply            | via system connection |

**Electrical data | Input**

|                                |                  |
|--------------------------------|------------------|
| Type input                     | NPN (EN 61131-2) |
| Input filter time              | 3 ms             |
| Current carrying capacity max. | 0,5 A            |

**Diagnostics**

|                         |                        |
|-------------------------|------------------------|
| Diagnostic              | No voltage             |
| Diagnostic via BUS      | per module             |
| Diagnostic via LED      | per module and channel |
| Short circuit diagnosis | yes                    |

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| LED display                                     | Ethernet connection/data traffic |
| Overload diagnosis                              | yes                              |
| <b>Device protection   Electrical</b>           |                                  |
| Degree of protection (EN IEC 60529)             | IP20                             |
| Galvanic separation (operating voltage)         | yes                              |
| Galvanic separation input/input                 | yes                              |
| <b>Mechanical data   Mounting data</b>          |                                  |
| Mounting method                                 | geschnappt                       |
| Suitable for mounting type                      | mounting rail, (EN 60715)        |
| Height                                          | 109 mm                           |
| Width                                           | 12,9 mm                          |
| Depth                                           | 76,5 mm                          |
| <b>Environmental characteristics   Climatic</b> |                                  |
| Operating temperature min.                      | 0 °C                             |
| Operating temperature max.                      | 60 °C                            |
| Storage temperature min.                        | -20 °C                           |
| Storage temperature max.                        | 70 °C                            |
| <b>Connection type 2</b>                        |                                  |
| Connection type 1                               | Power                            |
| Connection type 2                               | Power                            |
| Connection                                      | Spring clamp terminals FK        |
| Family construction form                        | terminal                         |
| Gender                                          | female                           |
| No. of poles                                    | 8                                |
| PIN 1                                           | n.c.                             |
| PIN 2                                           | 24 V DC                          |
| PIN 3                                           | 0 V                              |
| PIN 4                                           | 24 V DC Sys                      |
| PIN 5                                           | n.c.                             |
| PIN 6                                           | 24 V DC                          |
| PIN 7                                           | 0 V                              |
| PIN 8                                           | 0 V Sys                          |
| Connection                                      | Spring clamp terminals FK        |
| Family construction form                        | terminal                         |
| Gender                                          | female                           |
| No. of poles                                    | 8                                |
| PIN 1                                           | DI 0                             |
| PIN 2                                           | 24 V DC                          |
| PIN 3                                           | 0 V                              |
| PIN 5                                           | DI 1                             |
| PIN 6                                           | 24 V DC                          |
| PIN 7                                           | 0 V                              |