

CUBE20S DIGITAL OUTPUT MODULE DO2

2x24VDC 0,5A NPN

Expansion module  
Digital outputs  
DO2 - (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                                | 4048879424295         |
| Packaging unit                      | 1                     |
| Electrical data   Supply            |                       |
| Norm operating voltage              | EN 61131-2            |
| Operating voltage UA DC             | 24 V                  |
| Current consumption max.            | 60 mA                 |
| Total current UA max.               | 1 A                   |
| module supply                       | via system connection |
| Electrical data   Output            |                       |
| Actuator current UA per output max. | 0,5 A                 |
| Overload resistant                  | yes                   |
| Short-circuit protected             | yes                   |
| Type Output                         | NPN (EN 61131-2)      |
| Output current per pin max.         | 0,5 A                 |
| Output delay time                   | 175 ns                |

Lamp load 5 W

#### Diagnostics

|                         |                                  |
|-------------------------|----------------------------------|
| Diagnostic              | Under 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                              |

#### Device protection | Electrical

|                                         |      |
|-----------------------------------------|------|
| Degree of protection (EN IEC 60529)     | IP20 |
| Galvanic separation (operating voltage) | yes  |
| Galvanic separation output/output       | yes  |

#### Mechanical data | Mounting data

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 109 mm                    |
| Width                      | 12,9 mm                   |
| Depth                      | 76,5 mm                   |

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | 0 °C   |
| Operating temperature max. | 60 °C  |
| Storage temperature min.   | -25 °C |
| Storage temperature max.   | 70 °C  |

#### Connection type 2

|                          |                           |
|--------------------------|---------------------------|
| 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                    | DO 0                      |
| PIN 2                    | 24 V DC                   |
| PIN 3                    | 0 V                       |
| PIN 5                    | DO 1                      |
| PIN 6                    | 24 V DC                   |
| PIN 7                    | 0 V                       |