

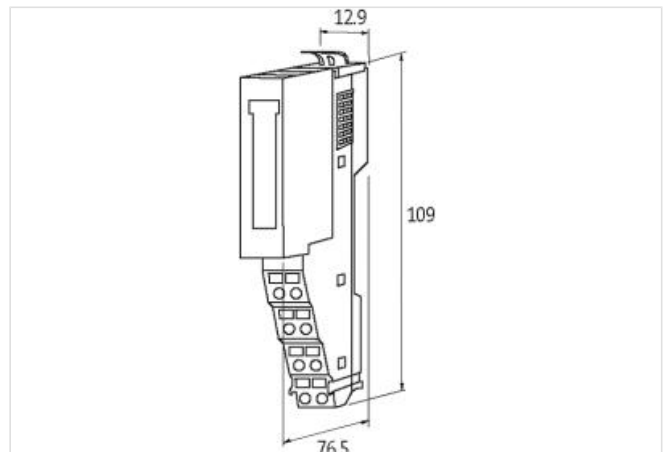
**CUBE20S DIGITAL OUTPUT MODULE DO2**

2x24VDC 0,5A PWM

Expansion module  
Digital outputs  
DO2 - (E) PWM  
Pulse width modulation

[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                  | 4048879424431 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                          |                       |
|--------------------------|-----------------------|
| Norm operating voltage   | EN 61131-2            |
| Operating voltage UA DC  | 24 V                  |
| Current consumption max. | 85 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    |
| Output current per pin max.         | 0,5 A  |
| Output delay time                   | 100 ns |

|                          |          |
|--------------------------|----------|
| Lamp load                | 5 W      |
| Switching frequency max. | 40000 Hz |

**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                       |