

CUBE20S CANOPEN BUS NODE

Bus nodes  
CANopen

[Link to Product](#)

Illustration



Product may differ from Image



| Commercial data                     |               |
|-------------------------------------|---------------|
| ECLASS-6.0                          | 27242608      |
| ECLASS-6.1                          | 27242608      |
| ECLASS-7.0                          | 27242608      |
| ECLASS-8.0                          | 27242608      |
| ECLASS-9.0                          | 27242608      |
| ECLASS-10.1                         | 27242608      |
| ECLASS-11.1                         | 27242608      |
| ECLASS-12.0                         | 27242608      |
| ETIM-5.0                            | EC001604      |
| customs tariff number               | 85389099      |
| GTIN                                | 4048879422383 |
| Packaging unit                      | 1             |
| Electrical data   Supply            |               |
| Operating voltage DC                | 24 V          |
| Current consumption max.            | 95 mA         |
| Total current UA max.               | 10 A          |
| Electrical data   Output            |               |
| Output voltage DC                   | 24 V          |
| Current output load supply max.     | 10 A          |
| Current output backplane bus max.   | 3 A           |
| Industrial communication   Bus data |               |
| Address range outputs max.          | 128 Bytes     |
| Address range inputs max.           | 128 Bytes     |

**Industrial communication | CANopen**

|                    |            |
|--------------------|------------|
| CANopen addressing | DIP switch |
|--------------------|------------|

**Diagnostics**

|                         |                                  |
|-------------------------|----------------------------------|
| Actuator warning        | no                               |
| 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                              |

**Installation**

|                               |                     |
|-------------------------------|---------------------|
| Connection cross section max. | 1,5 mm <sup>2</sup> |
|-------------------------------|---------------------|

**Device protection | Electrical**

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP20 |
|-------------------------------------|------|

**Mechanical data**

|                               |    |
|-------------------------------|----|
| Number extension modules max. | 64 |
|-------------------------------|----|

**Mechanical data | Mounting data**

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 109 mm                    |
| Width                      | 48,5 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  |

**Conformity**

|                  |            |
|------------------|------------|
| Product standard | EN 61131-2 |
|------------------|------------|

**Connection type 2**

|                          |                           |
|--------------------------|---------------------------|
| Connection type 1        | 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                   |
| Family construction form | D-Sub                     |
| Gender                   | male                      |
| No. of poles             | 9                         |
| PIN 1                    | n.c.                      |
| PIN 2                    | CAN_LOW                   |
| PIN 3                    | CAN_GND                   |
| PIN 4                    | n.c.                      |
| PIN 5                    | n.c.                      |

|       |          |
|-------|----------|
| PIN 6 | n.c.     |
| PIN 7 | CAN_HIGH |
| PIN 8 | n.c.     |
| PIN 9 | n.c.     |