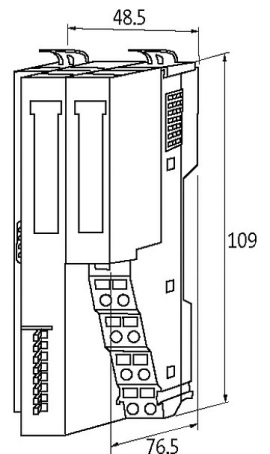


## CUBE20S ETHERCAT BUS NODE

EtherCAT  
Bus nodes

### Illustration



Product may differ from Image

### Approvals



### More Info



### Output

Output voltage (I/Os /Backplane) 24 V DC/5 V DC

Output current (I/Os /Backplane) 10 A/3 A

### Connections

|                               |   |
|-------------------------------|---|
| Internal system connection    | 4× spring clamp plug-in terminals, max. 1.5 mm <sup>2</sup> (max. 10 A) |
| Sensor-system/actuator supply | 4× spring clamp plug-in terminals, max. 1.5 mm <sup>2</sup> (max. 10 A) |
| Fieldbus                      | Ethernet 10/100 Mbit/s; 2× RJ45 (female)                                |

**General data**

|                   |  |
|-------------------|--|
| Protection        | IP20   |
| Connection        | Spring clamp plug-in terminals: max. 1.5 mm <sup>2</sup> (max. 10 A) |
| Mounting method   | DIN-rail mountable (EN 60715)  |
| Temperature range | 0...+60 °C (storage temperature -25...+70 °C)                        |
| Dimensions H×W×D  | 109×48.5×76.5 mm   |

**Module supply**

|                     |                      |
|---------------------|----------------------|
| Operating voltage   | 24 V DC (EN 61131-2) |
| Current consumption | max. 95 mA           |

**EtherCAT**

|                 |   |
|-----------------|---|
| Addressing      | automatic   |
| Operating modes | FreeRun, SyncManager-Event, Distributed Clock, HotConnect |

**Cube system**

|                 |   |
|-----------------|---|
| Module capacity | max. 64   |
| I/O capacity    | max. 1 024 Byte (Input), max. 1 024 Byte (Output) |

**Diagnostic**

|                            |                        |
|----------------------------|------------------------|
| Communication status       | via LED                |
| Diagnostic via LED         | per module and channel |
| Diagnostic via BUS         | per module             |
| Monitoring - under voltage | no                     |
| Monitoring - no voltage    | yes                    |
| Short-circuit and overload | yes                    |
| Actuator warning           | no                     |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | TH            |
| customs tariff number | 85389099      |
| EAN                   | 4048879422376 |
| eClass                | 27242608      |
| Packaging unit        | 1             |