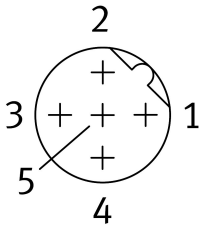


# Bus node CTEU-CO

Part number: 570038



## Data sheet

| Feature                                      | Value   |
|--|---|
| Protocol                                     | CANopen   |
| Dimensions W x L x H                         | 40 mm x 91 mm x 50 mm   |
| Width dimension                              | 40 mm   |
| Type of mounting                             | On electrical interface<br>On electrical sub-base   |
| Product weight                               | 90 g  |
| Ambient temperature                          | -5 °C...50 °C   |
| Storage temperature                          | -20 °C...70 °C  |
| Degree of protection                         | IP65<br>IP67  |
| Note on degree of protection                 | In mounted state<br>Unused connections sealed   |
| Corrosion resistance class (CRC)             | 2 - Moderate corrosion stress   |
| LABS (PWIS) conformity                       | VDMA24364 zone III  |
| CE marking (see declaration of conformity)   | As per EU EMC directive<br>As per EU RoHS directive   |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions   |
| KC characters                                | KC EMC  |
| Certification                                | RCM compliance mark<br>c UL us - Listed (OL)  |
| Note on materials                            | RoHS-compliant  |
| Housing material                             | PA  |
| LED display (product-specific)               | PS: operating voltage for electronics and load supply<br>X1: module system status at I-Port 1<br>X2: module system status at I-Port 2 |
| LED display (bus-specific)                   | IO: I/O status<br>MNS: network status   |
| Diagnostics                                  | Communication error<br>System diagnostics<br>Undervoltage   |
| Control elements                             | DIL switch  |

| Feature  | Value  |
|--|--|
| Note on fieldbus interface                                 | Optional connection technology with accessories: micro style (plug/ socket M12x1 A-coded, 5-pin, degree of protection: IP65), open style (terminal strip, 5-pin, degree of protection: IP20)<br>Open style (screw terminal, 5-pin, degree of protection: IP20)<br>Optional connection technology with accessories: |
| Fieldbus interface, type                                   | CAN bus  |
| Fieldbus interface, protocol                               | CANopen  |
| Fieldbus interface, connection type                        | Plug   |
| Fieldbus interface, connection technology                  | Sub-D  |
| Fieldbus interface, number of poles/wires                  | 9  |
| Fieldbus interface, galvanic isolation                     | yes  |
| Fieldbus interface, transmission rate                      | 1000 kbit/s<br>125 kbit/s<br>250 kbit/s<br>500 kbit/s  |
| Max. address capacity inputs                               | 8 byte   |
| Information on inputs                                      | Extendable to max. 16 bytes  |
| Max. address capacity outputs                              | 8 byte   |
| Note on outputs  | Extendable to max. 16 bytes  |
| Parameterization   | Diagnostic behavior<br>Fail-safe response  |
| Internal cycle time  | 1 ms per 1 byte of user data   |
| Configuration support                                      | EDS file   |
| Additional functions                                       | Acyclic data access via "SDO"<br>Emergency message   |
| Power supply, function                                     | Electronics and load   |
| Power supply, type of connection                           | Plug   |
| Power supply, connection technology                        | M12x1, B-coded as per EN 61076-2-101   |
| Power supply, number of pins/wires                         | 5  |
| DC operating voltage range                                 | 18 V...30 V  |
| Nominal operating voltage DC                               | 24 V   |
| Max. power supply  | 4 A  |
| Intrinsic current consumption at nominal operating voltage | Typ. 65 mA   |