

# Bus node CTEU-VN

Part number: 8087559



 General operating condition

## Data sheet

| Feature                                      | Value   |
|--|---|
| 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 the electrical sub-base   |
| Product weight                               | 98 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 RoHS instructions   |
| KC characters                                | KC-EMV  |
| Certification                                | RCM compliance mark   |
| 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)                   | XF1 AC: network data exchange, port 1<br>XF1 LI: Network active port 1  |
| Diagnostics                                  | Communication error<br>System diagnostics<br>Undervoltage   |
| Fieldbus interface, type                     | Ethernet  |
| Fieldbus interface, protocol                 | VARAN   |
| Fieldbus interface, function                 | Bus connection, incoming/forwarding   |
| Fieldbus interface, connection type          | 2x port   |
| Fieldbus interface, connection technology    | M12x1, D-coded as per EN 61076-2-101  |
| Fieldbus interface, connection pattern       | 00995716  |
| Fieldbus interface, number of poles/wires    | 4   |
| Fieldbus interface, galvanic isolation       | Yes   |
| Fieldbus interface, transmission rate        | 100 Mbit/s  |
| Max. address capacity inputs                 | 32 byte   |

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|--|--------------------------------------|
| Max. address capacity outputs                              | 32 byte                              |
| Parameterization   | Fail-safe response<br>IO-Link® mode  |
| Internal cycle time  | 1 ms per 1 byte of user data         |
| Configuration support                                      | LASAL module                         |
| Additional functions                                       | VARAN splitter                       |
| Power supply, function                                     | Electronics and load                 |
| Power supply, type of connection                           | Plug                                 |
| Power supply, connection technology                        | M12x1, A-coded as per EN 61076-2-101 |
| Power supply, connection pattern                           | 00995383                             |
| 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 | Type. 65 mA                          |