

Bus node CTEU-EC

Part number: 572556

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Protocol | EtherCAT |
| Dimensions W x L x H | 40 mm x 91 mm x 50 mm |
| Width dimension | 40 mm |
| Type of mounting | On electrical interface on the electrical sub-base |
| Product weight | 90 g |
| Ambient temperature | 0 °C ... 50 °C |
| Storage temperature | -20 °C ... 70 °C |
| Degree of protection | IP65 IP67 |
| Note on degree of protection | In mounted state 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 As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| KC characters | KC-EMV |
| Certification | RCM compliance mark 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 X1: module system status at I-Port 1 X2: module system status at I-Port 2 |
| LED display (bus-specific) | L/A1: Network active port 1 L/A2: Network active port 2 Run: Communication status |
| Diagnostics | Communication error System diagnostics Undervoltage |
| Control elements | DIL switch |
| Fieldbus interface, type | Ethernet |
| Fieldbus interface, protocol | EtherCAT |
| 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 |

| Feature | Value |
|--|---|
| Fieldbus interface, galvanic isolation | Yes |
| Fieldbus interface, transmission rate | 100 Mbit/s |
| Max. address capacity inputs | 16 byte |
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| Parameterization | Activate diagnostics Fail-safe and idle response |
| Internal cycle time | 1 ms per 1 byte of user data |
| Configuration support | XML file |
| Additional functions | Modular Device Profile (MDP) |
| 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. 60 mA |