

# Bus node CTEU-CP

Part number: 2149714

FESTO



 General operating condition

## Data sheet

Feature	Value
Protocol	CPI-B
Dimensions (W x L x H)	40 x 91 x 50 mm
Grid dimension	40 mm
Type of mounting	On electrical interface On electrical sub-base
Product weight	105 g
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-20 °C ... 70 °C
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state Unused connections sealed
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Approval	RCM trademark c UL us listed (OL)
Note on materials	RoHS-compliant
Material housing	PA
LED display, product-specific	PS: Operating voltage for electronics and load supply X1: System status of module at I-Port 1 X2: System status of module at I-Port 2
LED display, bus-specific	RUN: Communication OK
Diagnosis	Communication fault System diagnostics Undervoltage
Operator controls	DIL switch
Fieldbus interface	CP installation system
Field bus, protocol	CPI-B
Fieldbus interface, function	Incoming bus connection Power supply
Field bus, connection type	Plugs
Field bus, connection system	M9x0.5
Fieldbus interface, connection pattern	00992012
Field bus, connection pattern	5

Feature	Value
Field bus interface, transmission rate	1000 kbit/s
Fieldbus interface 2, function	Outgoing bus connection Power supply
Fieldbus interface 2, connection type	Socket
Fieldbus interface 2, connection technology	M9x0.5
Fieldbus interface 2, connection pattern	00995398
Fieldbus interface 2, number of pins/wires	5
Max. address volume, inputs	4 Byte
Max. address volume, outputs	4 Byte
Parameterisation	Diagnostic behaviour Fail-safe response
Internal cycle time	2 ms per 2 byte of user data
Configuration support	None
Operational voltage range DC	18 V ... 30 V
Nominal operating voltage DC	24 V
Max. power supply	3.4 A
Intern power consumption nominal operating voltage	Typ. 50 mA
Power failure bridging	10 ms