

Bus node CTEU-EC

Part number: 572556

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	40 mm x 91 mm x 50 mm
Type of mounting	On electrical interface On electrical sub-base
KC characters	KC EMC
Fieldbus interface, protocol	EtherCAT
Power supply, function	Electronics and load
Power supply, connection technology	M12x1, A-coded as per EN 61076-2-101
Power supply, type of connection	Plug
Fieldbus interface, type	Ethernet
Fieldbus interface, function	Bus connection, incoming/forwarding
Fieldbus interface, transmission rate	100 Mbit/s
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, connection pattern	00995716
Power supply, connection pattern	00995383
Fieldbus interface, connection technology	M12x1, D-coded as per EN 61076-2-101
Fieldbus interface, connection type	2x socket
Note on degree of protection	In mounted state Unused connections sealed
Fieldbus interface, number of poles/wires	4
Power supply, number of pins/wires	5
Width dimension	40 mm
Type code	CTEU
Diagnostics	Communication error System diagnostics Undervoltage
Configuration support	XML file
Additional functions	Acyclic data access via "SDO" Diagnostic object Emergency message Modular Device Profile (MDP)
Parameterization	Activate diagnostics Fail-safe and idle response
Control elements	DIL switch
Internal cycle time	1 ms per 1 byte of user data
DC operating voltage range	18 V ... 30 V
Intrinsic current consumption at nominal operating voltage	Typ. 60 mA
Max. power supply	4 A
Nominal operating voltage DC	24 V

Feature	Value
Protocol	EtherCAT
CE marking (see declaration of conformity)	As per EU EMC directive
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 70 °C
Degree of protection	IP65 IP67
Ambient temperature	-5 °C ... 50 °C
Certification	RCM compliance mark c UL us - Listed (OL)
Product weight	90 g
Max. address capacity outputs	16 byte
Max. address capacity inputs	16 byte
LED display (bus-specific)	L/A1: network active, port 1 L/A2: network active, port 2 Run: communication status
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
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	PA