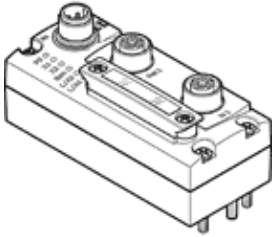


# bus node CTEU-EC

Part number: 572556

FESTO



## Data sheet

Feature	Value
Protocol	EtherCAT
Dimensions W x L x H	40 mm x 91 mm x 50 mm
Grid dimension	40 mm
Mounting type	On electrical interface On electrical connection block
Product weight	90 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	IP65 IP67
Note on degree of protection	in assembled condition Unused connections sealed
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364 zone III
CE mark (see declaration of conformity)	to EU directive for EMC 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
Authorisation	RCM Mark c UL us - Listed (OL)
Materials note	Conforms to RoHS
Material housing	PA
Product-specific LED display	PS: operating voltage for electronics and load supply X1: System status module I port 1 X2: System status module I port 2
Bus-specific LED display	L/A1: network active, port 1 L/A2: network active, port 2 Run: Communication status
Diagnosis	Communication error System diagnostics Undervoltage
Control elements	DIL switches
Fieldbus interface	Ethernet
Fieldbus interface, protocol	EtherCAT
Fieldbus interface, type of connection	2x socket
Fieldbus interface, connection technology	M12x1, D-coded in accordance with EN 61076-2-101
Fieldbus interface, number of pins/wires	4
Fieldbus interface, electrical isolation	Yes
Fieldbus interface, transmission rate	100 Mbit/s
Maximum address volume for inputs	16 Byte
Maximum address volume for outputs	16 Byte
Parameters configuring	Activating diagnostics Fail-safe mode and idle response
Internal cycle time	1 ms per 1 byte of user data
Configuration support	XML file

Feature	Value
Additional functions	- Acyclic data access via SDO Object diagnostics Emergency Message Modular Device Profile (MDP)
Power supply, function	Electronics and load
Power supply, type of connection	Plug
Power supply, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Power supply, number of pins/wires	5
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Max. power supply	4 A
Intrinsic current consumption at operating voltage	Typ. 60 mA