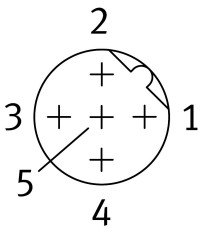
Bus node
CTEU-CO

Part number: 570038





Data sheet

Feature	Value
Protocol	CANopen
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 instructions for EMC 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)	IO: I/O status MNS: Network status
Diagnostics	Communication error System diagnostics Undervoltage
Control elements	DIL switch

Feature	Value
Note on fieldbus interface	Optional connection technology with accessories: micro style (plug/ socket M12x1 A-coded, 5-pin, degree of protection: IP65), open style (terminal strip, 5-pin, degree of protection: IP20) Open style (screw terminal, 5-pin, degree of protection: IP20) Optional connection technology with accessories:
Fieldbus interface, type	CAN bus
Fieldbus interface, protocol	CANopen
Fieldbus interface, connection type	Plug
Fieldbus interface, connection technology	Sub-D
Fieldbus interface, number of poles/wires	9
Fieldbus interface, galvanic isolation	Yes
Fieldbus interface, transmission rate	1000 kbps 125 kbps 250 kbps 500 kbps
Max. address capacity inputs	8 byte
Information on inputs	Extendable to max. 16 bytes
Max. address capacity outputs	8 byte
Note on outputs	Extendable to max. 16 bytes
Parameterization	Diagnostic behavior Fail-safe response
Internal cycle time	1 ms per 1 byte of user data
Configuration support	EDS file
Additional functions	Acyclic data access via "SDO" Emergency message
Power supply, function	Electronics and load
Power supply, type of connection	Plug
Power supply, connection technology	M12x1, B-coded as per EN 61076-2-101
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