

Bus node CTEU-VN

Part number: 8087559



 General operating condition

Data sheet

Feature	Value
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 electrical sub-base
Product weight	98 g
Ambient temperature	-5 °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 EMC
Certification	RCM compliance mark
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)	XF1 AC: network data exchange, port 1 XF1 LI: network active, port 1
Diagnostics	Communication error System diagnostics Undervoltage
Fieldbus interface, type	Ethernet
Fieldbus interface, protocol	VARAN
Fieldbus interface, function	Bus connection, incoming/forwarding
Fieldbus interface, connection type	2x socket
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
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, transmission rate	100 Mbit/s

Feature	Value
Max. address capacity inputs	32 byte
Max. address capacity outputs	32 byte
Parameterization	Fail-safe response IO-Link mode
Internal cycle time	1 ms per 1 byte of user data
Configuration support	LASAL module
Additional functions	FFT VARAN splitter
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	Typ. 65 mA