Bus node
CTEU-DN

Part number: 570039



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	DeviceNet
Note on fieldbus interface	Optional connection technology with accessories: 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)
Power supply, function	Electronics and load
Power supply, connection technology	M12x1, B-coded as per EN 61076-2-101
Power supply, type of connection	Plug
Fieldbus interface, type	CAN bus
Fieldbus interface, function	Bus connection, incoming/forwarding
Fieldbus interface, transmission rate	125 kbit/s 250 kbit/s 500 kbit/s
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, connection pattern	00995639
Power supply, connection pattern	00995719
Fieldbus interface, connection technology	Sub-D
Fieldbus interface, connection type	Plug
Note on degree of protection	In mounted state Unused connections sealed
Fieldbus interface, number of poles/wires	9
Power supply, number of pins/wires	5
Width dimension	40 mm
Type code	CTEU
Diagnostics	Communication error System diagnostics Undervoltage
Configuration support	EDS file
Additional functions	Acyclic data access via "Explicit Message" Quick connect System status can be indicated via process data
Parameterization	Diagnostic behavior Fail-safe and idle response
Control elements	DIL switch

Feature	Value
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. 65 mA
Max. power supply	4 A
Nominal operating voltage DC	24 V
Protocol	DeviceNet
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	8 byte
Max. address capacity inputs	8 byte
LED display (bus-specific)	IO: I/O status MNS: network 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 PC