Bus node
CTEU-PB

Part number: 570040



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	PROFIBUS DP
Note on fieldbus interface	Optional connection technology with accessories: Plug/socket M12x1 B-coded, 5-pin, degree of protection: IP65
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	PROFIBUS
Fieldbus interface, function	Bus connection, incoming/forwarding
Fieldbus interface, transmission rate	9.6 kbit/s 19.2 kbit/s 93.75 kbit/s 187.5 kbit/s 500 kbit/s 1.5 Mbit/s 12 Mbit/s
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, connection pattern	00995638
Power supply, connection pattern	00995383
Fieldbus interface, connection technology	Sub-D
Fieldbus interface, connection type	Socket
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	GSD file
Additional functions	Emergency message System status via diagnostic test
Parameterization	Diagnostic behavior Fail-safe 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. 100 mA
Max. power supply	4 A
Nominal operating voltage DC	24 V
Protocol	Profibus DP
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)	BF: bus fault
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