

Pulse counter CUB7C



- 8-digit, 9 mm high, brilliant LCD display
- Input frequency up to 10 kHz
- IP65 protection class
- Power supply via internal, non-replaceable lithium battery
- Counter reset via front button or reset input

<https://www.wachendorff-prozesstechnik.de/en/cub7c>

Description

The CUB 7C is an 8-digit counter with a digit height of 9 mm. It is available with standard LCD (operation without external power supply) or backlit LCD display (the digits light up intensely red or green-yellow). Thanks to its high protection class IP65 and its small dimensions, the CUB 7C can be used universally in harsh industrial environments. The CUB 7C detects the counting pulses of machines and systems. Depending on the version, it is controlled via a switching contact or an applied voltage. A reset is possible via the front button and an external input. The sensor is connected via cable ends or via optional terminal strips.

Product details

Display	8-digit, 9 mm high, brilliant LCD, standard or with red or green/yellow backlighting. Devices with backlighting are only easy to read with an external power supply (9 VDC to 26 VDC).
Entrance	The CUB7C is optionally available with a signal input up to 28 VDC or a signal input for 50 to 250 VDC/VAC. The devices for signal input up to 28 VDC are equipped with a DIP switch for NPN/PNP wiring and a DIP switch for high or low signal frequencies and can be controlled via a potential-free contact or via a transistor/logic sensor.
Maximum counting frequency:	10 kHz
Provision	Possible via front button or external input. Front reset can be disabled.
Power supply	Via internal 3.6 V lithium battery. Service life approx. 7 years (depending on the wiring of the counting input. Fast counting in NPN circuit, slow counting in PNP circuit and external ambient temperatures reduce the service life). An additional 6 to 26 VDC (max. 25 mA) supply is required for devices with backlighting.
Housing (WxHxD):	Robust plastic housing 51 x 28 x 42 mm (with terminal strip T 55 mm). Panel cut-out DIN 45 mm x 22 mm. Fastening via mounting frame.
Connection:	Cable ends or optional terminal strips
Ambient temperature	Operation: 0 °C to +50 °C. Storage: -30 °C to +80 °C.
Weight:	approx. 50 g (incl. battery).

Scope of delivery:	Device, mounting material, seal, operating instructions
Customs tariff number:	9029 10 00
Manufacturer:	Red Lion Controls, USA.

Products Order no.

CUB7CCS0	CUB7CCS0 with internal battery, Display: Standard LCD, Signal voltage max. 28 VDC
CUB7CCR0	CUB7CCR0 with internal battery Display: red backlit LCD (only via external power supply), Signal voltage max. 28 VDC
CUB7CVS0	CUB7CVS0 with internal battery, Display: Standard LCD Signal voltage: 50 VDC/VAC to 250 VDC/VAC
CUB7CVR0	CUB7CVR0 with internal battery, Display: red backlit LCD (only via external power supply), Signal voltage: 50 VDC/VAC to 250 VDC/VAC

Accessories Order no.

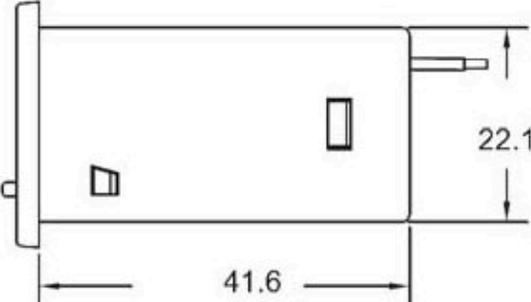
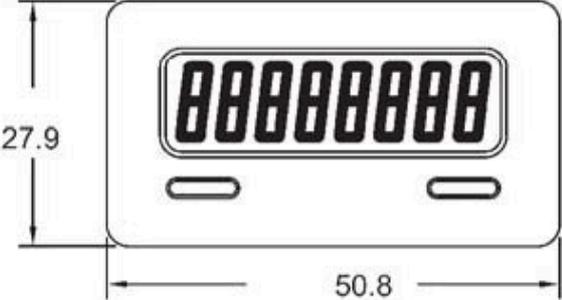
TB100003	3-way terminal strip, suitable for: <ul style="list-style-type: none"> • CUB7CCS0 • CUB7TCS0/1
TB100004	4-way terminal strip, suitable for: <ul style="list-style-type: none"> • CUB7CCG0 • CUB7CCR0 • CUB7CVS0 • CUB7TCG0/1 • CUB7TCR0/1 • CUB7TVS0/1

TB100005	5-way terminal strip, suitable for:
	<ul style="list-style-type: none">• CUB7CVG0• CUB7CVR0• CUB7TVG0• CUB7TVR0
BMK80000	Metal housing for wall mounting
ENC13000	Plastic IP65 all-round housing

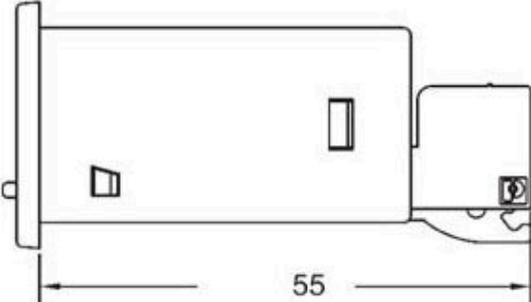
Drawings

Dimensions (mm)

Angaben in mm



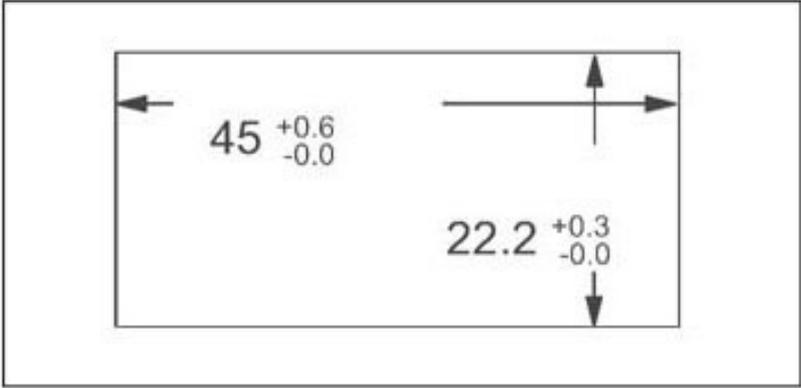
Gerät mit Kabelanschluss



Gerät mit Anschlussklemmen

Drawings

Panel cut-out





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