



## CU8801, CU8851 | USB extension

The USB specification allows a distance of 5 m between the PC and the USB devices. A further 5 metres of cable can be added by using a USB hub. In the construction of machines and plants, larger distances must be bridged without having to insert a USB hub every 5 metres. The CU8801 USB Extender sends the 2.0 USB signal via a CAT 5 cable that can be up to 50 m long to the CU8851 USB Extended receiver, which converts the signal back to USB. Data rates of up to 480 Mbit/s can be transmitted. Both USB Extender boxes are designed for DIN rail mounting. The CU8801 transmitter is powered by the PC. The CU8851 receiver has an integrated 24 V DC power supply unit. The USB Extended 2.0 receiver is already integrated into the Control Panels from the CP29xx and CP39xx series.



Side view



Front view



Top view

Technical data	CU8801   USB Extender 2.0 Tx	CU8851   USB Extender 2.0 Rx
	USB Extended 2.0 transmitter box	USB Extended 2.0 receiver box
	1 USB input with USB B socket to be connected to the PC in maximum 1 m distance	1 USB Extended 2.0 input with RJ 45 socket for up to 50 m CAT 5 cable
	1 USB Extended 2.0 output with RJ 45 socket for up to 50 m CAT 5 cable	1 USB output with USB A socket to be connected to an USB device in maximum 5 m distance
	–	quick error analysing with diagnostic LEDs
	plastic housing for DIN rail installation	
	USB transfer rate up to 480 Mbit/s for USB 2.0	
	protection class IP 20	
	operating temperature 0...55 °C	
	dimensions (W x H x D) 34 x 98 x 77 mm (1.3" x 3.9" x 3")	
	power supply via USB	24 V DC power supply

Related products	
<b>CU8800-0010</b>	USB Extender 1.1 Tx for CP69xx and CP79xx
<b>CU8850</b>	USB Extender 1.0 Rx