



i CU8110-0090 | UPS component, capacitive

All Beckhoff components, in particular Industrial, Panel and Embedded PCs can be equipped with the CU81xx UPS series. Double-layer film capacitors or nickel/metal hydride batteries are used depending on the version. In the case of battery backup UPS the batteries are easily accessible in case they need to be replaced. For this purpose, the UPS does not need to be dismantled or dismounted from the DIN rail.

A special feature of the UPS series is its compatibility and ability to communicate with all existing Industrial, Panel and Embedded PCs. For connection to the PC, USB 2.0 or UPS OCT can be used via a 24 V power supply unit. These interfaces can also be used to retrieve status data for diagnostic purposes or to configure the UPS.

Technical data	CU8110-0090
Type	capacitive uninterruptible power supply (UPS)
Housing	metal housing for mounting on norm rail TS35x15 2.3
Storage technology	EDLC (capacitive)
Operating system	requires Windows Embedded Standard 7, Windows 7 Professional, Windows 7 Ultimate or Windows 10 IoT Enterprise
Interfaces	USB or UPS OCT via 24 V DC power supply module, USB cable not included in the scope of supply
Diagnostics LED	1 x U _{IN} , 1 x U _{OUT} , 1 x DIAG
Protection class	IP 20
Operating temperature	-25...+50 °C
Weight	approx. 650 g
Dimensions (W x H x D)	100 mm x 100 mm x 90 mm
Output voltage	min. 24 V DC/max. U _{IN} DC
Power supply	24 V DC (-15 %/+20 %)
Max. output	90 W
Capacity	0.9 Wh
Connection	2 x 9-pin plug, push-in
Fuse	electronic, 4 A

Accessories	
C9900-K552	connecting cable USB 2.0 A-B, 3 m
C9900-K553	connecting cable USB 2.0 A-B, 5 m
C9900-K554	connecting cable USB 2.0 A-B, 1 m

i Product announcement	estimated market release 4th quarter 2019
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