



Simple installation: Suitable for retrofitting, the CX1100-0900 UPS module is attached on the left-hand side as a termination module.

## Uninterruptible power supply for Beckhoff CX1000 modules

The Embedded PC CX1000 combines PLC functionality, motion control and visualization in a single system. The modular, DIN rail-mountable control system can be configured to address most control challenges. An uninterruptible power supply module for the CPU and the connected components is now available for the CX1000. In the event of a failure of the external supply, the module ensures that the application software can save important data, for example, on a Compact Flash card, NOVRAM or in a database via the network. During the UPS bridging time, the machine or process can be transferred into a defined state, and the operating system can be shut down. The bridging time can be set via a rotary switch or via software. The use of state-of-the-art capacitors makes this UPS module – unlike other battery-powered techniques – absolutely maintenance-free and offers rapid charging.

The module can simply be added to a CX system. Only a 24 V DC supply cable is needed for the module. No further wiring is required, since the operating voltage is maintained via the PC104 bus. An external 24 V DC output for the supply of other modules is also available. The CX1100-0900 may be retrofitted on site. A DPRAM user interface provides options for settings and UPS status messages. The functionality of the UPS is independent of the operating system to be used – no driver software is required. The TwinCAT System Manager recognizes the UPS module automatically, and the UPS signals are available for the PLC programmer.