

# Light+Building 2006

Light+Building will take place between 23th and 27th April in Frankfurt, Main. The international trade fair for architecture and technology will present itself with an overall concept for lighting, electronics, and home & building automation, complemented with architectural systems.

Beckhoff will present its product portfolio for PC- and Ethernet-based building automation, both for industrial buildings and for home automation, in hall 9, stand D50. In addition to a comprehensive range of Ethernet components, Beckhoff will present system extensions and product innovations at Light+Building.

The CX1020 and CX9000 are new models for the Embedded PC range. The CX9000 with direct interface for Bus Terminals and Windows CE as operating system is particularly suitable as a high-performance controller for building functions. In the basic configuration, two RJ 45 sockets that are internally connected to an integrated switch are available as interfaces. This simplifies wiring of several CX9000 within a line topology. In buildings, the CX9000 is used for controlling individual room functions such as lighting, shading, or HVAC.

The BK9100/BC9100 Ethernet Bus Couplers are also equipped with integrated 2-port switches and are used as section controllers, for example. They communicate with the master computer via real-time Ethernet. All sensors and actuators such as potential-free sensing devices, relays, temperature sensors, actuators etc., are connected via the Bus Terminal system.

The Beckhoff Bus Terminal system is the central interface component for all data points in the building. In addition to EIB, LON and DALI Bus Terminals, which are used for integrating associated sensors and actuators into the Bus Terminal system in order to make it even more efficient, the new MP-Bus master terminal for HVAC devices complements the product range. In combination with higher-level PC- and Ethernet-based control technology, a powerful and cost-effective overall system that is optimally tailored to building automation requirements can thus be configured.



Beckhoff will also present the "Economy" series, a new generation of built-in Control Panels and Panel PCs that are available with different screen sizes and are used as operating and display devices for building functions.

## Summary of the main information:

- | Messe Frankfurt, Germany
- | April 23–27, 2006
- | Opening hours: April 23–26, 9 am–6 pm; April 27, 9 am–5 pm
- | Beckhoff: **Hall 9.0, Stand D50**

[www.light-building.de](http://www.light-building.de)

