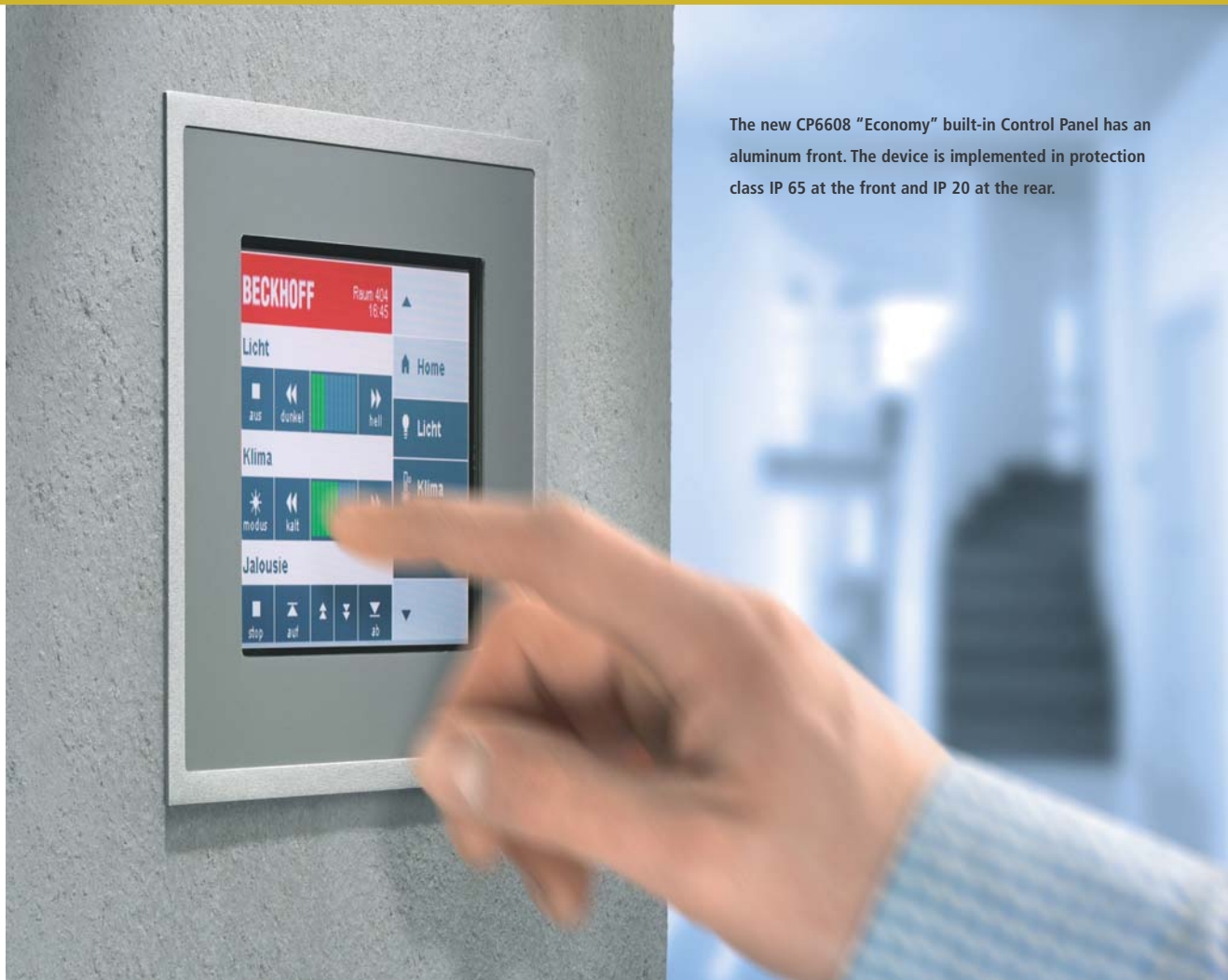


CP6608 expands "Economy" Control Panel series

Ultra compact Ethernet Control Panel with 5.7-inch display

- Beckhoff has expanded its "Economy" series with the new CP6608 Ethernet Control Panel. The new CP6608 is equipped with a compact 5.7-inch display, has an integrated PC with Intel® IXP420 processor and numerous interfaces. The CP6608 is ideal for a large number of industrial applications and in building automation.



The new CP6608 "Economy" built-in Control Panel has an aluminum front. The device is implemented in protection class IP 65 at the front and IP 20 at the rear.

The new CP6608 "Economy" Control Panel takes its place in the CP66xx series of Ethernet panels as yet another inexpensive display alternative. With its ultra compact 5.7-inch display, which can be optionally equipped with a touch screen, the CP6608 extends the existing CP66xx series. The user can now choose from "Economy" Ethernet Panels with 5.7-, 6.5-, 12-, 15- and 19-inch display size versions. A newly developed Beckhoff Motherboard forms the core of the CP6608. The "Economy" panels from the CP66xx series are based on the design of the pre-

vious Ethernet Control Panels from the CP67xx series and are equipped with an Intel® IXP420 processor with XScale® technology and 266 MHz. The CP6608 has 32 Mbyte on-board flash and 128 Mbyte on-board RAM included as standard. The panel's features are completed by the SM501 on-board graphic adapter. The CP6608 has the following series-standard external interfaces: two Ethernet ports with 10/100BASE-T, two fast USB 2.0 connectors and a serial RS232 connector. This means that the CP6608 can be put to outstanding use in many in-

The CP6608 Ethernet Control Panel has an integrated PC with an Intel® IXP420 processor with XScale® technology and 266 MHz clock frequency. The wide variety of features allows numerous possible applications in industrial and building automation.



dustrial applications even in its most basic version. The Ethernet Panel can be operated as a stand-alone PC or as a terminal client of a Microsoft Windows terminal server. In conjunction with TwinCAT automation software, the CP6608 represents a very compact controller with an integrated display. Windows CE is used as the operating system.

A free Mini PCI slot offers additional flexibility. Fieldbus cards for PROFIBUS, CANopen, DeviceNet and SERCOS interface as well as a third Ethernet port and an additional serial interface are available. Alternatively, the Mini PCI slot can also be used to install a memory card with NOVRAM for fail-safe data storage. The user can choose from cards with 128, 256 or 512 kbyte NOVRAM.

Individual front versions

Besides the standard color, the front laminate of the new CP6608 "Economy" Control Panel can be supplied in all standard RAL colors. In this way, it is possible to supply the Ethernet Panel with a white front laminate in order for it to blend harmoniously into a white wall, for example, to be used as a control and operating unit for building automation. The elegant, narrow aluminum frame ensures a stylish, high quality appearance. Further laminate patterns are available for particular tastes. The CP6608 Ethernet Panels can even be given a wood grain or marble look.

Due to its intelligently designed features, the CP6608 is suited to a great number of possible applications. The integrated PC, the numerous interfaces and the typical high quality Beckhoff workmanship, coupled with the long-term availability of all components, make the CP6608 an attractive alternative for machine and plant construction. At the same time, the Ethernet Panel is well suited for use as a building or room controller in industrial buildings and hotels. The CP6608 can also be used in residential and commercial buildings due to its abundance of standard interfaces, which are well-suited to building automation.

In addition, the numerous options for individualizing the front panel can help blend with almost any building environment.

Small controller with touch screen

The new CP6608 Ethernet Panel is optionally available with an interface package which is specially trimmed to the requirements of building automation. In this way, the CP6608 can become the central control and operating unit of a building. The building automation kit for the panel contains the following additional interfaces:

- | 2 digital inputs and outputs
- | 1 microphone input
- | 1 x stereo out
- | 1 freely assignable interface (e.g. for PT100 temperature sensor or I²C interface)

The additional connections are attached to the device via a 16-pin plug. The two standard Ethernet ports and two USB 2.0 connectors are also included in the building automation version.

The optionally available Mini PCI cards with NOVRAM memory for fail-safe data storage are a useful supplement, particularly for building automation applications. In this version, important basic settings such as the control of lights, blinds and building access can be stored permanently in the CP6608.