

KeControl C3 awarded with the iF product design award 2010

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For 56 years, the iF product design award has served as an internationally recognized trademark for outstanding design. Across the globe, the iF brand, with offices in Hanover, Munich, Taiwan, Korea and Brazil, is an established symbol for exceptional design achievement.

KeControl C3, KEBA's newest generation of controls which has had its debut on the SPS/IPC/DRIVES fair in Nuremberg in November 2009, has been selected as a winner of the iF product design awards 2010 and thus carries the iF quality seal—out of a total of 2,486 entries from 39 different nations.

The products of the KeControl C3 family are PC-based control systems with real time capacity, which offer top performance in combination with a minimum footprint. With their Intel Atom and Core 2 Duo processors, the devices offer differing clock frequencies in a range of 1.2 – 2.26 GHz and hence the precise adjustment of performance to differing needs. The control device is available with two different housings, the smaller of which has a volume of around 1.5 liters and therefore only requires minimal space. The larger version has two integrated PCIe slots and thus facilitates the installation of customized extension cards. In this way existing proprietary hardware may be used further and links can be established with external components via Profinet RT, Ethernet/IP or CAN. Data can be conserved in the easily accessible internal CF or SSD memories, or be stored via an SD interface located on the front side of the housing. As a result of the use of non-rotating memory, the data is better protected than on standard hard disks. An integrated, two-line LCD facilitates the issue of messages during start-up and ongoing operation, while an on-board graphic card with DVI interface allows connection to an external display. Peripheral devices can be connected to the two USB 2.0 interfaces (high-speed) and the controls networked via the two gigabit Ethernet connections. Two real time Ethernet interfaces permit the linkage of I/Os, sensors and drives, either via SERCOS III or EtherCAT. KeControl C3 offers an especially robust aluminum housing, which is foreseen for simple DIN rail installation without screws.

KEBA – Automation by innovation.

KEBA AG is an internationally successful electronics company based in Austria with branches in Germany, Romania, Turkey, the Czech Republic, the USA, and China. In line with its credo, "Automation by innovation", KEBA develops and produces inventive, top quality automation solutions for the industrial, banking and service branches. Indeed, as a result of competence, experience and courage, KEBA is the technology and innovation leader in its market segments.

Complete solutions for machinery and robot automation

In the Industrial Automation business area, KEBA focuses on the automation of machinery and robots, as well as the production of mobile operating devices. KEBA Industrial Automation offers complete, modular solutions, which allow the

quick and efficient realisation of customised automation for every performance segment.

The application of this modular principle allows control units, mobile and stationary operating devices, I/Os, safety technology, drives, tools and services to be combined to form individual systems. On this basis, the KePlast, KeMotion and KeSystems business areas provide special solutions for plastics injection moulding, robotics and mechanical engineering in which the particular applications needed for these branches are already integrated into the controls. KEBA is the world market leader with KeTop, mobile operating terminals for machines and robots, which have a convincing design that stands out due to its safety and ergonomics. The company supplies tens of thousands of units annually and among its customers are leading international machinery and robot manufacturers in Europe, Asia and North America.

Banks and services companies trust KEBA

KEBA's high R&D quota also furnishes the platform for numerous innovative automation products in the banking and services sectors. With developments such as self-service recycling technology, KEBA is one of the leading suppliers of banking terminals. Company customers include Austria's largest banks, as well as leading banking institutes and savings banks in Germany.

In the area of process automation for services companies, KEBA has established an outstanding reputation with innovative, automated parcel collection systems. More than 900 of these units have already been installed throughout Germany for DHL. Furthermore, KEBA is a supplier of terminals for national and international lotteries.

Supply programme:

- Comprehensive overall solutions for machine and robot automation
- Mobile and stationary operating and control devices
- Self-service systems for banks
- Services automation

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