

Zug, March 04, 2021

New KNX touchpanel from Siemens makes every room smart

- **Stylish design combining black glass and brushed aluminum**
- **Flexible user interface with a wide range of icons for intuitive operation**
- **Easy control of lighting, shading and room temperature**

Siemens Smart Infrastructure introduces the new KNX Touch Control TC5 room operator unit. It makes passive buildings adaptive, consequently boosting the evolution of smart building technologies. With its individually configurable controls, the easy-to-use device simplifies the operation and display of all relevant functions. Thanks to the capacitive 5.0-inch color touch display featuring a contemporary, attractive design, the new device is ideally suited for use in commercial buildings such as conference rooms, offices and hotels. With its flexible mounting concept, Touch Control TC5 can be used worldwide.

Buildings are becoming responsive

Digitalization is transforming buildings into modern and smarter structures. "Smart buildings offer new opportunities to positively impact engagement and productivity of tenants, they react to the individual needs of their users" said Henning Sandfort, CEO Building Products at Siemens Smart Infrastructure. "Room operator units such as the new Touch Control TC5 are able to communicate via KNX and create the perfect indoor climate and lighting conditions for each room user since they respond intelligently to the values captured by the sensors."

The new room controller covers virtually all applications in the room, such as switching, dimming, color and color temperature control, as well as shading and HVAC operation, including ventilation and air conditioning. To ensure a healthy indoor air climate, the Touch Control TC5 offers automatic fan control based on the

current PM2.5 or CO₂ value, adjusting the fan speed depending on the amount of pollutants in the air. Using the available logic functions, it is easy to implement additional controller functions such as automatically switching to frost protection mode when the outside temperature drops sharply or closing the blinds when the brightness exceeds a certain level.

Less complexity for users

In general, more devices and cables are needed as the intelligence of the building increases. The Touch Control TC5 is different: All the room functions can be displayed and operated from a single device. Mounting and installation of the new touch panel is easy since it is compatible with different wall boxes (EU, USA, CN, UK, CH). To meet the branding requirements of commercial customers, the icons, design and screensaver can be customized as needed. To save energy, the display can be turned on and off automatically using integrated proximity sensors. The operating controls can be locked or unlocked at any time via a password set during configuration or via the bus.

The new room operator unit is both versatile and cost-effective since no other central controller is needed to efficiently implement simple projects.

This press release and a press picture are available at <https://sie.ag/2Ohw6Kq>

For more information on Siemens Smart Infrastructure, see

www.siemens.com/smart-infrastructure

For further information on KNX Touch Control TC5, please see

www.siemens.com/tc5

Contact for journalists

Katharina Sipura

Tel.: +41 796507005; E-Mail: katharina.sipura@siemens.com

Follow us on Twitter:

www.twitter.com/siemens_press and www.twitter.com/SiemensInfra

Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. SI creates environments that care. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2020, the business had around 69,600 employees worldwide.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. Active around the world, the company focuses on intelligent infrastructure for buildings and distributed energy systems and on automation and digitalization in the process and manufacturing industries. Siemens brings together the digital and physical worlds to benefit customers and society. Through Mobility, a leading supplier of intelligent mobility solutions for rail and road transport, Siemens is helping to shape the world market for passenger and freight services. Via its majority stake in the publicly listed company Siemens Healthineers, Siemens is also a world-leading supplier of medical technology and digital health services. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power that has been listed on the stock exchange since September 28, 2020. In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €57.1 billion and net income of €4.2 billion. As of September 30, 2020, the company had around 293,000 employees worldwide. Further information is available on the Internet at www.siemens.com.