dialog 1 and 8 – state-of-the-art room control!

Room automation combines previously separated systems such as lighting and sunblind controls as well as HVAC. To ensure that all the synergies are fully utilised, these systems communicate via a uniform bus system. Where users once found thermostats, light switches and blind controls of various designs and operating logics, today there ought to be just one integrated room control panel which allows standard interaction between the user and the automation system.

The dialog 1 and dialog 8 room control panels are the solution to meet these requirements. Thanks to their timeless design and high-quality finish, they blend in perfectly with the architecture of modern buildings.

The dialog 1 room control panel can be operated intuitively via a rotary switch/pushbutton and has a white illuminated LC display, a real time clock, 3 coloured status LEDs as well as an integrated temperature sensor is integrated for measuring the room temperature. The device offers menus for setting the desired temperature, energy level (comfort, standby and economy), controller function (off, auto, heat, cool) and fan setting. Furthermore, lamps can be switched on and off or dimmed, sunblinds, ventilation flaps or windows positioned and scenes called up or saved. In order to ensure that the user sees only what he requires, the menu can be individually adapted by plug-ins and the texts modified. What's more, every menu entry can moreover be password-protected. The lighting duration, contrast and the display of time, date and temperature can also be set. Since the control panel dispenses with imprinted or engraved symbols, it is ideally suited for flexible-use buildings where changes to the rooms and their function are made.

The dialog 8 control panel also features a white illuminated screen for displaying the room and desired temperature, the time and date as well as various climate control statuses. An integrated temperature sensor also records the room temperature. The panel has 8 push-buttons, which can be freely configured, for setpoint adjustment, occupancy setting, fan stage adjustment as well as for operating lighting circuits, blinds or windows and for managing scenes. All buttons have LEDs which serve as a status display. For rooms with more extensive equipment, a version featuring 4 additional buttons is also available. These can also be freely configured, but are

particularly suitable for adjusting the setpoints and fan settings or for use as an occupancy button. All control buttons control switches can be used individually or in pairs for a particular function which is displayed on the large backlit display screen.

As is usual for all e.control devices, applications with or without integrated room climate controller are also available for dialog 1 and dialog 8. In this way, the system can be equally used in flexible e.control room automation systems or in combination with external controllers too. Applications with integrated controller support static heating and cooling systems, such as radiators or heated/cooled ceilings as well as fan coils or façade ventilation devices. Of course, the controllers also offer the entire functional scope in accordance with VDI 3813, including optimum start, summer compensation, night cooling and thermo control.

The log-on and log-off function, which is activated at the simple push of the rotary button / log-on button, allows you at the same time to switch the controller to the Comfort setting, activate the constant light control system as well as switch the sunblind from thermo control

to sun tracking. When leaving the room, the controller switches back to the standby setting, the lighting is switched off and the blinds are again used via the integrated thermo control function.

Assembly of both devices is extremely easy, since only a 24V bus cable is needed for the power supply. While dialog 8 is fitted in a simple flush-type or hollow-wall box, dialog 1 is fitted in the installation boxes provided.