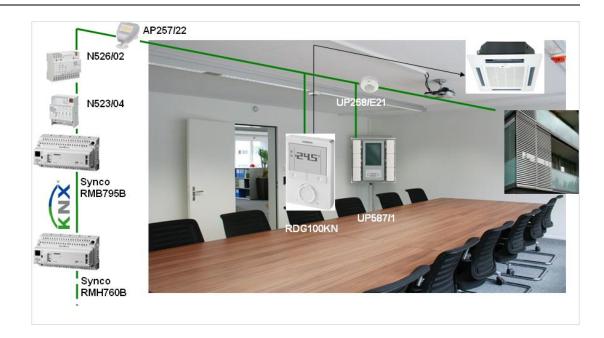Synco™
& GAMMA

Office Room – Room Automation

Fan coil with blinds, light control according to occupancy for small to middle-size office rooms

Highlights

- Text display for operation of lights and blinds
- Automatic data exchange between room HVAC and primary plant
- Remote control of individual rooms or room groups and primary plant

Room setup

- **RDG100KN, room thermostat:** The RDG100/KN measures the room temperature and controls the fan coil unit. If needed the room thermostat sends a heating / cooling demand to the pimary controllers.

- **UP587/1, text display:** The UP587 shows function and status and allows to operate lights and blinds.

- **UP258/E21, presence detector:** The UP258 detects occupancy in the room and measures the brightness. These data are distributed to the room thermostat and the switch/dim actuator.

- **N526/02, switch/dim actuator:** The N526 receives brightness and occupancy information from the presence detector and switches and dims the lighting accordingly.

- **RMB795B, central control unit:** The RMB795B is the room group manager which provides individual time schedules for up to 10 rooms or room groups.

- **N523/04, blind actuator:** The N523 is controlled by the weather station and drives the blinds and its slats to the required position.

- **AP257/22, weather station:** The AP257 measures outside temperature, brightness and windspeed and calculates drive commands for the blind actuator.

- **RMH760B, heating controller:** The RMH760B controls the burner and the distribution system in the heating plant according to the heat demand in the room and the outside temperature.