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ABB's new Split Unit Gateway connects infrared Split Units to KNX systems

The new Split Unit Gateway SUG/U 1.1 makes the integration of conventional Split Units into KNX systems possible.

ABB launches a new Split Unit Gateway, which will replace conventional infrared (IR) remote controls by connecting Split Unit air-conditioners with the building automation system ABB i-bus® KNX. The Split Unit Gateway converts KNX telegrams into infrared commands and then transmits them to the Split Unit. The gateway allows for the direct integration of Split Units into a KNX system and thus for the comfortable and energy-efficient control of air-conditioners via any desired KNX sensor or visualization.

The operation of the Split Unit becomes more comfortable, thanks to the Split Unit Gateway. It enables users to control the basic functionality of the Split Unit, such as switching on and off, changing the setpoint temperature and much more, without the need of an IR control. The Split Unit Gateway offers additional functions, such as the activation of the option "Silent Mode" in the Split Unit, which reduces noises of the outside module at night. It can also be operated in a forced operating mode, which comes in handy for maintenance purposes. Furthermore, it is possible to activate the horizontal and vertical swing. By using the boost option, the swing is activated and the Split Unit switches to maximum ventilation.

The Split Unit Gateway is mounted into a standard flush-mounted or surface-mounted box in proximity of the Split Unit. The transmitting unit of the supplied IR cable is bonded directly onto the Split Unit's receiver, which can then be operated via any KNX sensor or a visualization. By using ABB i-bus® KNX, the device can be put into operation without any additional auxiliary voltage being required. However, the functionality of Split Units can differ, depending on manufacturer and model.

By using the Engineering Tool Software Application (ETS App), which is available free of charge at the KNX Online Shop, the required Split Unit model can be selected. The App can also be used to verify, what functionalities an individual Split Unit offers.

For more information, please contact:

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About ABB

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