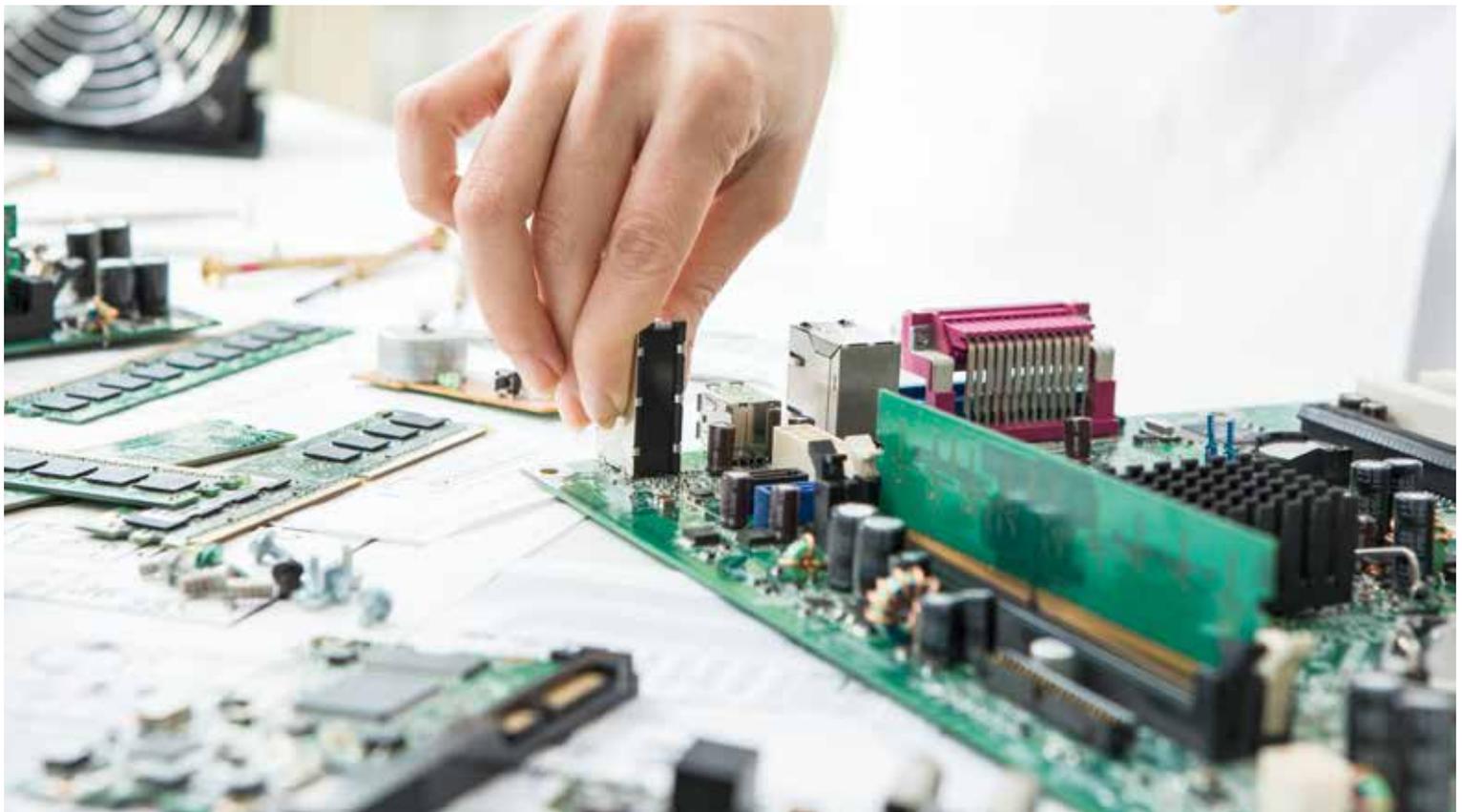




Smart home and building solutions.
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KNX DEVELOPMENT

OEM Devices



EXAMPLES OF OEM PRODUCTS READY FOR RELABEL



Multi actuator 10-channel for heating circuit distributor

INSTA The KNX Multi actuator 10-channel allows system integrators to commission underfloor heating without extensive knowledge of hydraulics or control technology. The device facilitates speedy installation using plug connectors, adaptive control algorithms and support of automated hydraulic balancing. An integrated comprehensive analysis of the energy requirements optimizes control of the flow temperature and use of the heating value effect. The Multi actuator features adaptive PID-controllers for up to 10 heating/cooling circuits. In combination with the device offers further advantages like energy demand only in case of changing command values, no aging and therefore reproducible results throughout the whole lifespan as well as detailed status information.

More Info: <https://www.insta.de/en/p/13512600>

KNX Presence detector Mini



INSTA The presence detector is used to monitor presence, for motion detection or to monitor with message telegrams in interior rooms or outdoor areas. Thanks to its small design (Ø 53.5 mm x H 38 mm), a particularly flat shape and flexible mounting concept, the presence detectors are well suited for projects with high demands in terms of architecture and design. The devices are equipped with 3 PIR sensors that cover an area of 360°. Sensor sensitivity can be flexibly adapted to the respective installation situation. As a result, movement is reliably detected, and false triggers are avoided. The detection area can be limited using a push-on cover. The detectors can be used as a single device, main device and extension, thus making them suitable for a wide range of tasks. It is possible to use several devices in one room in order to extend the detection area. A device configured as a main unit is combined with several devices configured as an extension. When used as a main unit or extension, fully automatic operation and semi-automatic control are possible

More Info: <https://www.insta.de/en/p/62695020> and <https://www.insta.de/en/p/62705020>



KNX Analogue interface IO FM

INSTA The KNX analogue interface IO FM detects and processes analogue and binary input signals. The analogue channels can each be set as an input or output. External devices (e.g. valve drives, fan motors) can be controlled with a 0 - 10 V signal, measurement signals (e.g. room temperature, brightness) can be detected with 0 - 20 mA or 0 - 10 V, or conventional potential-free switching contacts may be connected and evaluated. A PT1000 temperature sensor, a 0 to 10 kΩ resistor, a 33 kΩ NTC temperature sensor or up to four 1-wire sensors can be evaluated via a sensor input. The flush-mounted device is ideal for use in heating/cooling applications and fan controls thanks to an integrated controller and arithmetic functions.

More Info: <https://www.insta.de/en/p/65010020>

HCM340

The Ultimate Compact KNX Multi-Gateway with Logic Editor



Black Nova The Ultimate Compact KNX Multi-Gateway with Logic Editor Onboard to Unite Complex Applications with High Ballast Count in the IoT Space. The HCM340 operates the following protocols KNX, IP, RS485, DALI and Zigbee and/or Z-Wave. The HCM340 is configurable with 2 channel DALI lighting system supports up to 128 individual light fixtures, up to 16 group addresses per channel and manage multiple light scenarios. HCM340 has a full KNX ETS Database and act as the master DALI bus power supply. For commissioning DALI ballasts no other hardware required; HCM340 comes with a USB port and free PC commissioning software. The HCM340 can be equipped with Zigbee and/or Z-Wave to link the KNX space to the wireless protocols and IoT universe opening up endless product combination across industries and products segments. For example, in-room interface to Vingcard door locks. The HCM340 is an Ethernet 10/100 (Modbus TCP, HTTP, KNX IP) interface and could be used to connect a PC to the KNX bus to address, program and diagnostic purposes.

More Info: <http://www.blacknova.co>

Multifunction Thermostat plus



GVS The new thermostat 100% fits to European standard 55mm system, can be used to install with frame from other manufacturers. It integrates multifunction which can be HVAC, Air conditioner, Floor heating, Ventilation control. Built-in temperature sensor and support up to 2 external PT1000 sensors. Optional PI and 2-point temperature controller. All push buttons can be used as thermostat control, also can be set to switch sensor function and long-operation. In additional, logic and event group function are available. Matt and Shiny finish are available. Our products are CE, KNX mark, that are developed by our own R&D department. Already OEM to over 20 companies since 2010..

More Info: <http://www.video-star.com.cn/en/News.aspx>

Flush Mounted Actuators



SATION Sation Flush Mounted Series of actuators can be installed in the 80/86 wall bottom box, the thickness is only 21 mm, providing 3 X 1.6 KW output power, and is equipped with 4-fold dry contact input interface. Their derived models have 200w trailing edge dimmer and single-fold curtain control functions. One series meets the needs of all users which let users achieve widespread application at the scene of the installation of decentralized electrical box. All our Intelligent control system products have completed CE and KNX certifications which can provide perfect OEM service for KNX engineering users all over the world.

More Info: <http://www.sation.cn>



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