finder®

SWITCH TO THE FUTURE

KNX

Products

finder®

SWITCH TO THE FUTURE

Made in EUROPE

ISO 9001
ISO 14001
ISO 45001

Finder has been making electromechanical relays in Europe since 1954, and has the widest range of quality approvals of any relay manufacturer.

Finder produces relays, timers and a wide range range of electromechanical and electronic products for industrial, residential and commercial applications.
Quality, innovation, continuous research and state-of-the-art manufacturing. These are the engines driving Finder's global success. Thanks to an international sales network of 26 subsidiaries and more than 80 exclusive distributors worldwide, Finder exports its products all over the world.

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today, this is the world standard. An open standard conforming to European and International regulations for facilitating the management of automated and decentralized technological systems within a wide range of structures; commercial and industrial buildings, offices, homes, public places, schools and more.

The KNX system fits naturally into the conceptual seam of the most advanced building. Attentive to the principles of sustainability and delivering to the occupants comfort and convenience which, with innovation and safety, represent the imperatives of modern construction.

KNX can be used for the widest of applications and functions within housing and other buildings, such as lighting, blind control, alarms and video surveillance, heating, ventilation and air condition monitoring, water control, energy optimization and management, electricity metering, appliances and audio systems.

KNX improves comfort and safety and contributes greatly to energy savings (up to 50% for lighting and heating control) reducing our impact on the environment.

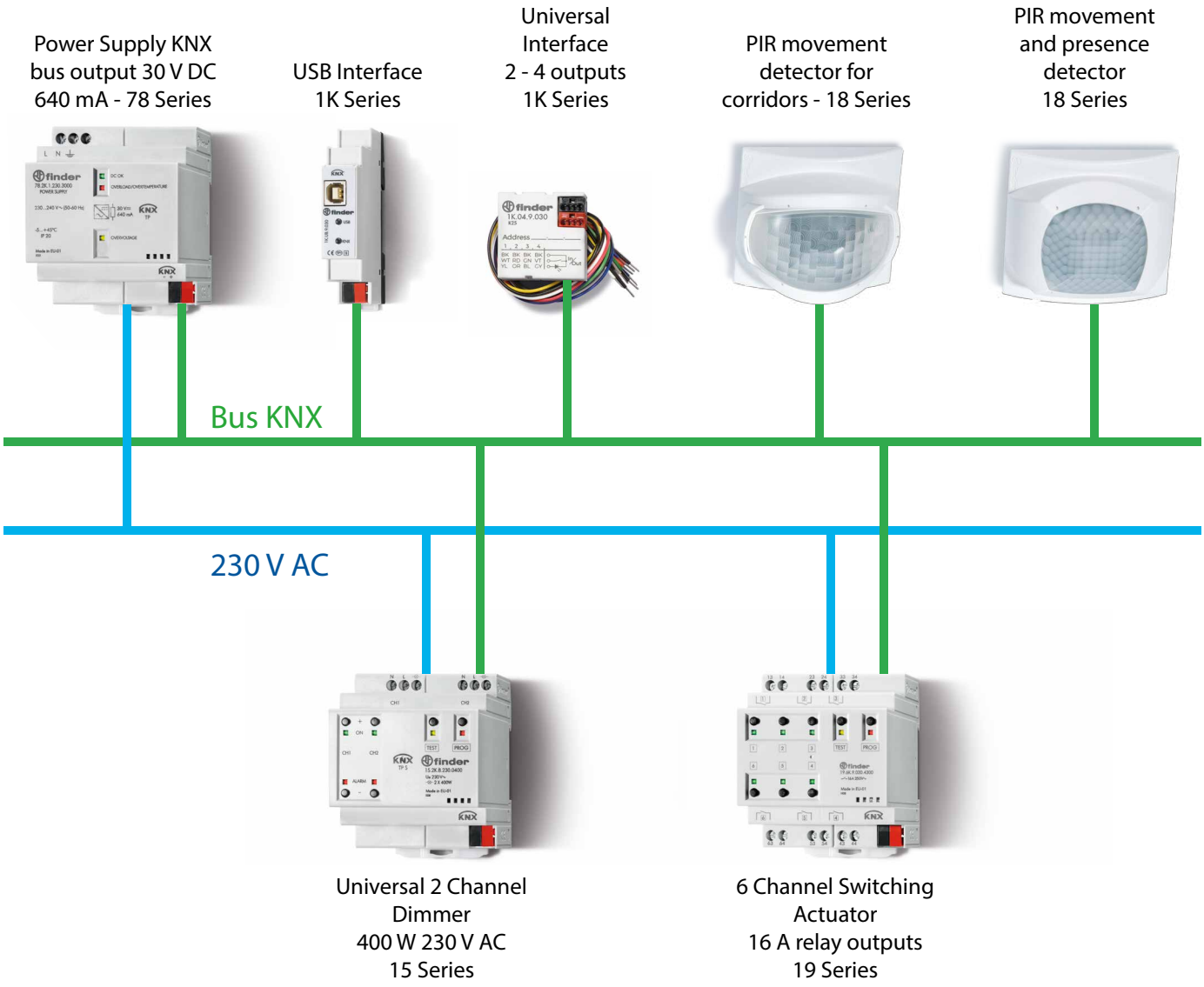
KNX can be used in both new and existing buildings. A KNX system can be easily and quickly expanded or adapted according to new requirements, and with minimal financial expenditure. For example, when new tenants take over a commercial premises.

KNX can be installed both in small homes for family use and in large buildings (offices, hotels, conference centers, hospitals, schools, department stores, airports).

KNX complies with:
- European Standards (CENELEC EN 50090 and CEN EN 13321-1)
- International Standard (ISO/IEC 14543-3)
- Chinese Standard (GB/T 20965)
- US Standard (ANSI/ASHRAE 135)

The Finder Solution

Bringing our reliability to building automation



PIR movement detector for corridors

Detection of movement, and direction, within occupied area. Suitable for applications in hotel corridors, offices, common transit areas. Dual sensors independently manageable.

Type 18.4K.9.030.0000

Surface or recessed ceiling mounting
Supply voltage via KNX Bus

- Sensing area up to 120m^2: 4x30m
- Two independent and separate areas and two sensors
- Independent adjustment of PIR sensitivity in each area
- Independent digital outputs for each sensor / area enabling the direction of movement to be identified
- Adjustment of ambient light threshold
- Master / Slave connection to extend the detection area
- Compatible with ETS 4 (or higher)

PIR movement and presence detector

Movement and presence detection, suitable for applications in offices, classrooms, relaxation and communal areas.

Type 18.5K.9.030.0000

Surface or recessed ceiling mounting
Supply voltage via KNX Bus

- Sensing area up to 64m^2: 8x8 m movement, 4x4 m presence
- 2 outputs for load control (Lighting, HVAC etc.)
- 1 output – movement/presence detected
- Adjustment of ambient light threshold and PIR sensitivity
- Master / Slave connection to extend the detection area
- Selectable function to inhibit ambient light threshold control
- Reporting of light level and movement status (for security applications)
- Compatible with ETS 4 (or higher)

- Approval TUV

6 Channel Switching Actuator
16 A outputs

6 x 16 A relay outputs. $AgSnO_2$ contacts guarantee durability and versatility of use.

Type 19.6K.9.030.4300

35 mm rail (EN 60715) mount
72 mm wide (4 modules)

- Bistable relay ENEC approved
  (Maximum peak current up to 120 A)
- 6 output contacts rated 16 A 250 V AC,
  individually configurable NO or NC
- Contact material $AgSnO_2$
- Nominal lamp rating: - 230 V halogen: 2000 W
  - 230 V LED W: 400 W
  - fluorescent tubes: 500 W
  - single phase motor load: 0.5 kW
- LED status indicator per output
- Time functions (ON, OFF, Blink, Staircase)
- Independent logic functions for each output
  (AND, OR, XOR, THRESHOLD, WINDOW)
- Scenario Management
- Volt-free output contacts (clean contacts)
  Ideal for interfacing with other control devices
- Compatible with ETS 4 (or higher)

2 Channel Universal Dimmer 400 W 230 V AC

Suitable for LED dimmable lamps (100W), CFL dimmable lamps, electromagnetic and electronic transformers.

Type 15.2K.8.230.0400

35 mm rail (EN 60715) mount
72 mm wide (4 modules)

- Leading and Trailing edge dimming metods selectable via ETS
- Manual control of each channel via front panel
- Thermal and short-circuit protection
- 2 output 400W 230 V AC
- Nominal lamp rating: - halogen: 400 W
  - LED: 100 W
  - electronic transformer: 100 W
- LED status indicator for each output
- Scenario Management
- Compatible with ETS 4 (or higher)

Switch Mode Power Supply
KNX bus output 30 V 640 mA

Compact and powerful in a width of just four modules.

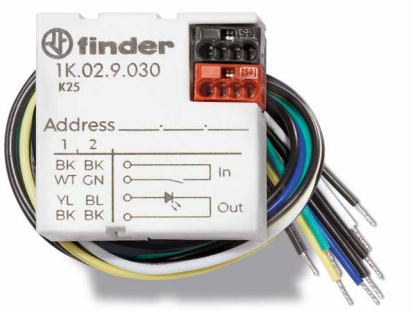
Type 78.2K.1.230.3000

35 mm rail (EN 60715) mount
72 mm wide (4 modules)

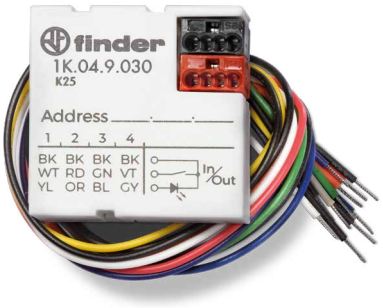
- Nominal voltage 230...240 V AC 50/60 Hz
- KNX bus output 30 V DC - 640mA
- 3 LED status indicator: - Green: correct voltage
  - Red: overload/over-temperature
  - Yellow: over-voltage
- Thermal protection against overloads and short circuit protection
- Compatible with ETS 4 (or higher)

Universal interface 2 - 4 inputs

**KNX interface for volt-free contacts (clean contacts) with 2 or 4 inputs.
With eight integral logic functions.**



Type 1K.02.9030 – 2 input



Type 1K.04.9030 – 4 input

Compact size (34 x 34 x 11 mm),
suitable for recessed installation

- 2 or 4 inputs, 2 or 4 output LEDs
- All outputs can drive low voltage LEDs for showing operational status on traditional illuminated pushbuttons or on mimic display panels
- Up to 8 advanced logic functions
- Compatible with ETS 4 (or higher)

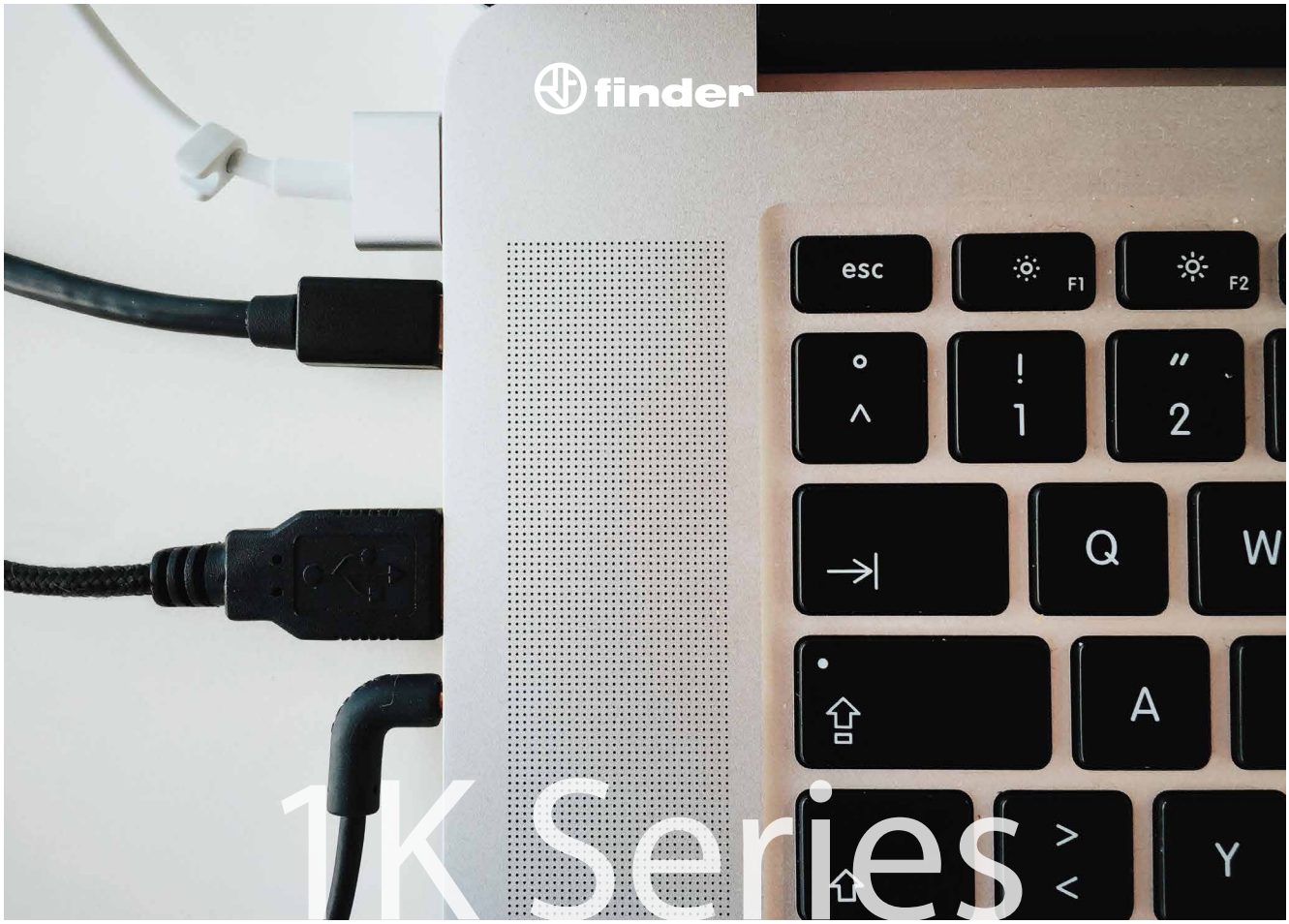
USB Interface

Compact size, only one module wide

Type 1K.UB.9030

Mounting on 35 mm rail (EN 60715),
width 17.5 mm (1 module)

- Interfacing of the KNX bus system to a PC equipped with USB port
- Enable KNX standard backbones
- USB Type-B connector
- LED indicating BUS status
- Compatible with ETS 3 (or higher)



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