

SELECTION GUIDE

PRODUCTS FOR SYSTEM



ABOUT US



Finder was founded in Italy in 1954. Since then it has been designing and manufacturing a wide range of electromechanical and electronic components for both the residential and industrial sectors.

Today, thanks to its global vision, Finder now distributes its products around the world through a network of 29 company-owned subsidiaries and more than 80 trade partnerships.

Finder is an international family made up of more than 2000 individuals, all united by the same values and passion for our products.



14,500 different products to satisfy a myriad of applications. From products at the heart of automation to the control of machines, power, time, temperature, liquid level and light

OUR PRODUCTS CARRY MORE CERTIFICATIONS THAN ANY OTHER RELAY MANUFACTURER



FINDER IS AN ITALIAN BRAND WITH A WORLDWIDE PRESENCE



- 4** PRODUCTION PLANTS IN EUROPE
- 29** SUBSIDIARIES
- +80** OFFICIAL DISTRIBUTORS

ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)

Finder considers social and environmental sustainability as fundamental principles of doing business, just as it believes that business growth must develop in synergy with a conscious vision of the future. That is why Finder is committed to reducing and eliminating CO2 emissions, focusing on circularity, caring for its employees to foster a safe, fair and inclusive work environment, spreading a culture of integrity and transparency, and collaborating with stakeholders who share its values.

This focus is demonstrated by the company's commitment to the following internationally recognized projects and certifications:



AUTONOMY AND INDEPENDENCE

Finder's managerial, financial and technological autonomy allows optimal control over all its business processes, the results of which include simplified customs procedures and a high reliability of commercial relations.

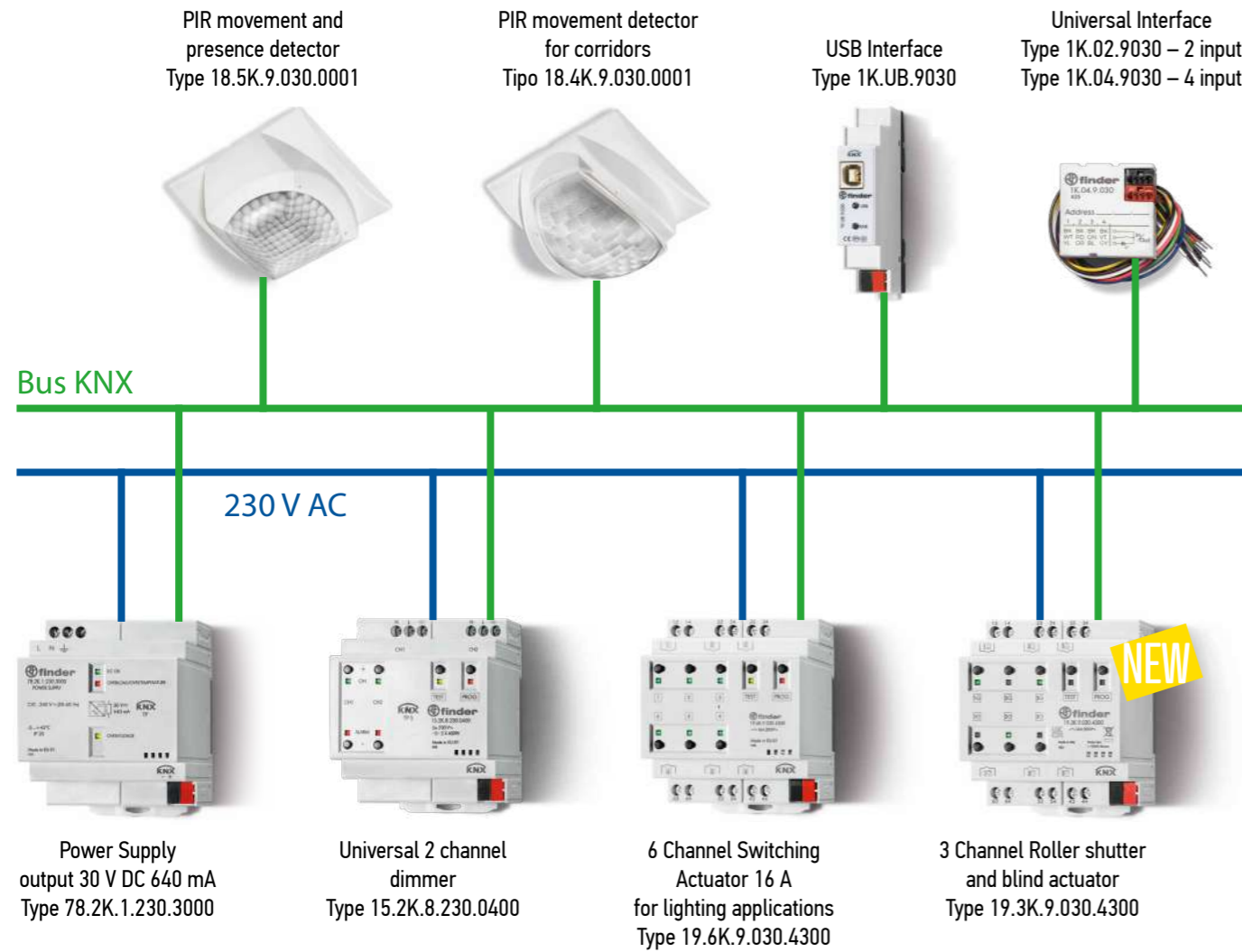
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THE FINDER SOLUTION

Bringing our reliability to building automation



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, hotels, conference centers, hospitals,

schools, department stores, airports.

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 can be used in both new and existing buildings. A KNX system can be easily and quickly expanded or adapted according to new requirements.

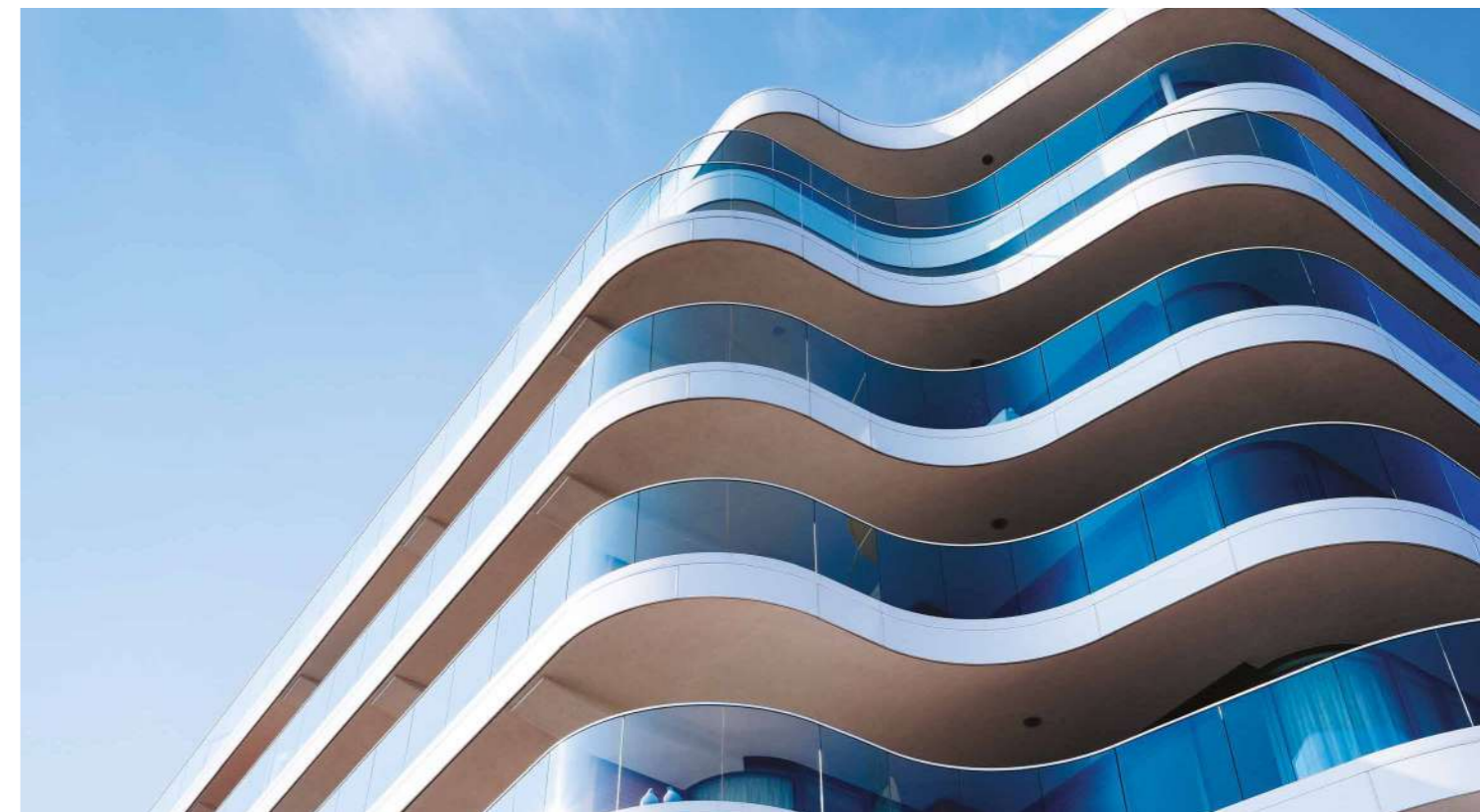
SWITCH MODE POWER SUPPLY KNX BUS OUTPUT 30 V DC - 640 mA Type 78.2K.1.230.3000

Compact and powerful in a width of just four modules.



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

- Nominal voltage 230...240 V AC 50/60 Hz
- Two power supplies can be installed 15 meters apart.
- 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



PIR MOVEMENT AND PRESENCE DETECTOR

Type 18.5K.9.030.0001

Movement and presence detection, suitable for applications in offices, classrooms, zones of low activity



Supply voltage via KNX Bus
Surface or recessed ceiling mounting

- Sensing area up to 64m²: 8x8 m movement, 4x4 m presence
- Detection height from 3 - 5 meters
- Dynamic light regulation
- Up to 5 outputs
- LUX and occupancy status cyclic sending
- Master / Slave connection to extend the detection area
- Logic gates
- Light level and motion status
- Nominal consumption 10 mA



User manual



Lighting control for offices, classrooms, bathrooms etc.



Wide detection range



Logic outputs



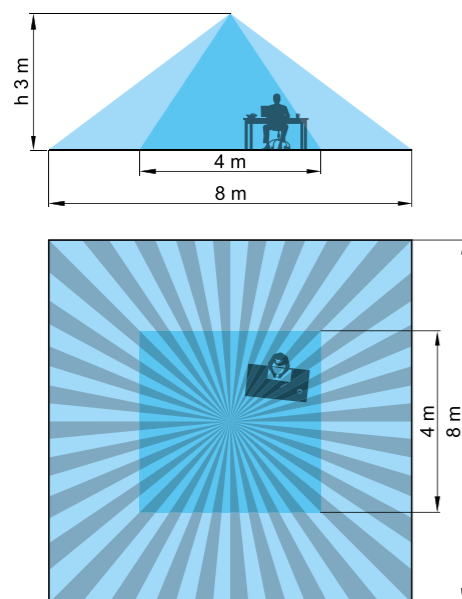
Dynamic light regulation



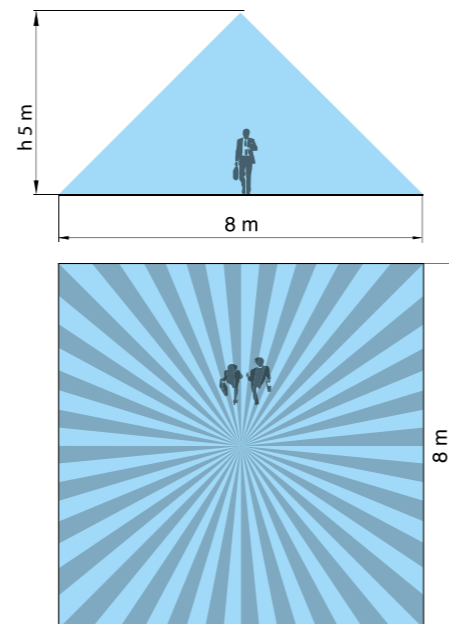
HVAC management

SENSING AREA

Mounted at 3 meters



Mounted at 5 meters



PIR MOVEMENT DETECTOR FOR CORRIDORS

Type 18.4K.9.030.0001

Movement detection for corridors, supermarket or warehouse aisles, communal areas in hotels, offices etc.



Supply voltage via KNX Bus
Surface or recessed ceiling mounting

- Sensing area 30 meters length and 4 meters width
- Two detection areas: right and left
- Dynamic light regulation
- Up to 5 outputs
- LUX and occupancy status cyclic sending
- Master / Slave connection to extend the detection area
- Logic gates
- Light level and motion status
- Nominal consumption 10 mA



User manual



Lighting control for corridors in hotels, hospitals etc.



Logic outputs



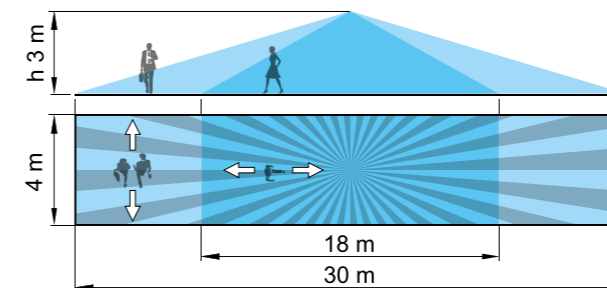
HVAC management



Dynamic light regulation

SENSING AREA

Mounted at 3 meters



6 CHANNEL SWITCHING ACTUATOR 16 A OUTPUTS FOR LIGHTING APPLICATIONS

Type 19.6K.9.030.4300

6 x 16 A relay outputs. AgSnO₂ contacts ensure durability and versatility of use.



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 AgSnO₂
- 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
- Nominal consumption <15 mA



User manual



Lighting management



Logic outputs



Manual keyboard control



Suitable for high inrush current



Energy efficiency



Building and house automation



Control shutters



Control curtains / blinds



3 CHANNEL SWITCHING ACTUATOR FOR SHUTTERS AND BLINDS

Type 19.3K.9.030.4300

3 channel switching actuator for use with electric / electronic motors. For the management of curtains, shutters and blinds.



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

- Bistable relay ENEC approved (Maximum peak current up to 120 A)
- Supply voltage via KNX Bus
- Controls up to 3 electric motors
- Logic outputs
- Logically interlocked outputs
- Management of 3 blinds
- Nominal consumption <15 mA

NEW



UNIVERSAL 2 CHANNEL DIMMER

Type 15.2K.8.230.0400

Suitable for strip LED 230 V AC, LED dimmable lamps, halogen lamps, CFL dimmable lamps, electromagnetic and electronic transformers.



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

- Leading and Trailing edge dimming methods selectable via ETS
- Manual control of each channel via front panel
- Thermal and short-circuit protection
- 2 output 400 W 230 V AC
- Nominal lamp rating:
 - halogen: 400 W
 - LED: 100 W
 - electronic transformer: 100 W
 - LED strip 230 V: 360 W
- LED status indicator for each output
- Scenario Management
- Nominal consumption 7 mA



User manual



Lighting management



Building and house automation



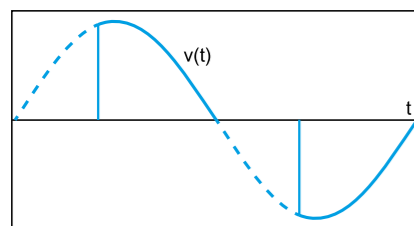
LED strip 230V AC



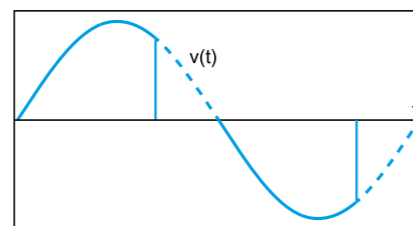
Electromagnetic and electronic transformers

DIMMING TECHNOLOGIES - Phase-cut output

Leading edge dimming



Trailing edge dimming



Light dimming is achieved by "phase-cutting" whereby cutting-off part of the voltage waveform reduces the RMS voltage fed to the lamp. When the cut-off part is the initial part of each half cycle it is called Leading Edge dimming, while a dimmer that cuts off the final part is Trailing Edge dimming. The two methods are each suitable for dimming different types of load: Trailing Edge is, in general, more suitable for electronic transformers for low-voltage lamps (halogen or LED); Leading Edge is more suitable for electromagnetic transformers for LV lamps, and for CFLs. Both methods can be used with 230 V halogen lamps and incandescent lamps.

UNIVERSAL INTERFACE

Type 1K.02.9030 – 2 input

Type 1K.04.9030 – 4 input



Type 1K.02.9030 – 2 input



Dry contact interface



Logic outputs



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
- Nominal consumption <5 mA

USB INTERFACE

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)



PC USB interface



Compatible with ETS 3



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