LIGHTING

Lighting management
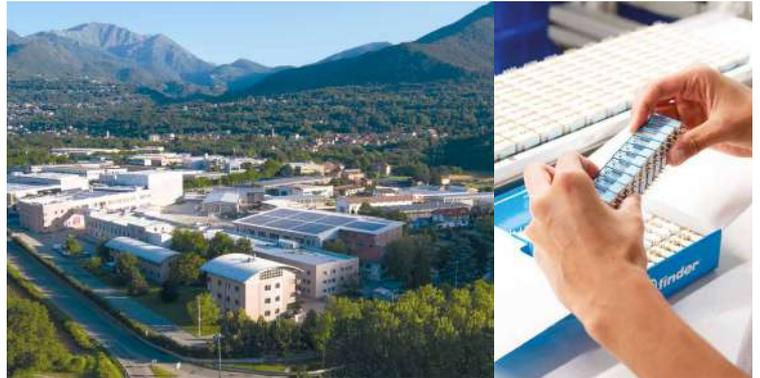
ABOUT US

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.

14,000+ 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 CO_2 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 whicah include simplified customs procedures and a high reliability of commercial relations.

ISO 9001:2015
Quality management system

ISO 14001:2015
Environmental management system

ISO 45001:2018
Health and safety management system

ISO 50001:2018
Energy management system

ISO 14064-1:2019
Carbon Footprint verification

FSC
Forest Stewardship Council

AEOF
Simplified customs and enhanced supply chain security

Cribis Prime Company
Recognition of highest reliability of commercial relations

finder

FINDER: AN ITALIAN BRAND WITH A WORLDWIDE PRESENCE
Helping businesses and professionals in lighting management for 70 years.

LIGHT UP YOUR LIFE WITH FINDER
Managing your lighting with Finder products means a more restful and comfortable environment, a more effective working space and a more efficient use of electricity.

Contents

finder

YESLY
TIME FOR COMFORT LIVING

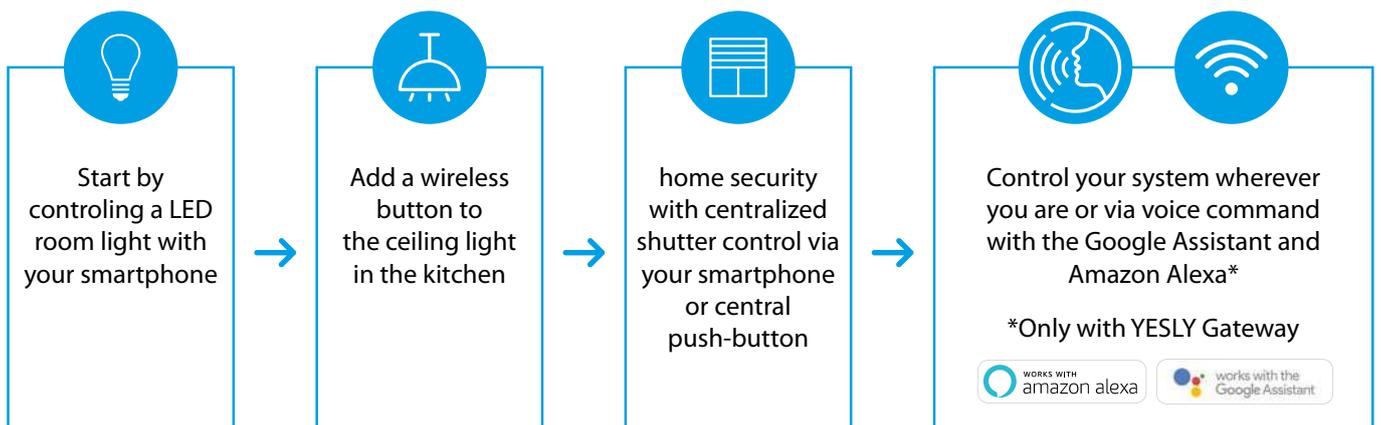## PRESENTING YESLY
IT'S TIME FOR COMFORT LIVING

FINDER YESLY is the system we have designed **to control lighting, electric shutters and many other devices in your home using your smartphone, via wireless buttons or voice commands.**

YESLY IS

EASY	MADE IN ITALY	CONNECTED	USER FRIENDLY	SECURE

Install YESLY products in one or more rooms, according to your needs, to make your home smarter - a little at a time. And for people who like to be always connected, devices can even be controlled remotely via the app, or using voice command via the Google Assistant and Amazon Alexa.

MAKE YOUR HOME SMARTER IN A FEW SIMPLE STEPS

Start by controling a LED room light with your smartphone

→

Add a wireless button to the ceiling light in the kitchen

→

home security with centralized shutter control via your smartphone or central push-button

→

Control your system wherever you are or via voice command with the Google Assistant and Amazon Alexa*

*Only with YESLY Gateway

WORKS WITH amazon alexa   works with the Google Assistant

THE RANGE

MULTIFUNCTIONAL BLUETOOTH RELAY

The Finder YESLY multi-function relay is the device that allows you to turn the lights **on/off**, activate the **shutters** and **electric blinds**, and much more.

CREATE SCENARIOS

BLUETOOTH

ELECTRIC LOCK

CONTROL UP TO 2 LIGHTS

BLUETOOTH DIMMER

The Finder YESLY universal Bluetooth dimmer allows you to **control the intensity** of lights of different technologies, enhancing your comfort level while minimising energy wastage. **Perfect for LED lamps** and Dimmable CFLs, halogen lamps, electronic power supplies and much more.

STRIP LED

SOFT START FUNCTION

SHUTTER ACTUATOR

The Type 13.S2 Actuator is a device specifically designed for **controlling electric shutters and curtains**. In just a few minutes, **without any masonry work, centralize your control of shutters** to activate them via smartphone or voice command (using the GATEWAY).

20%

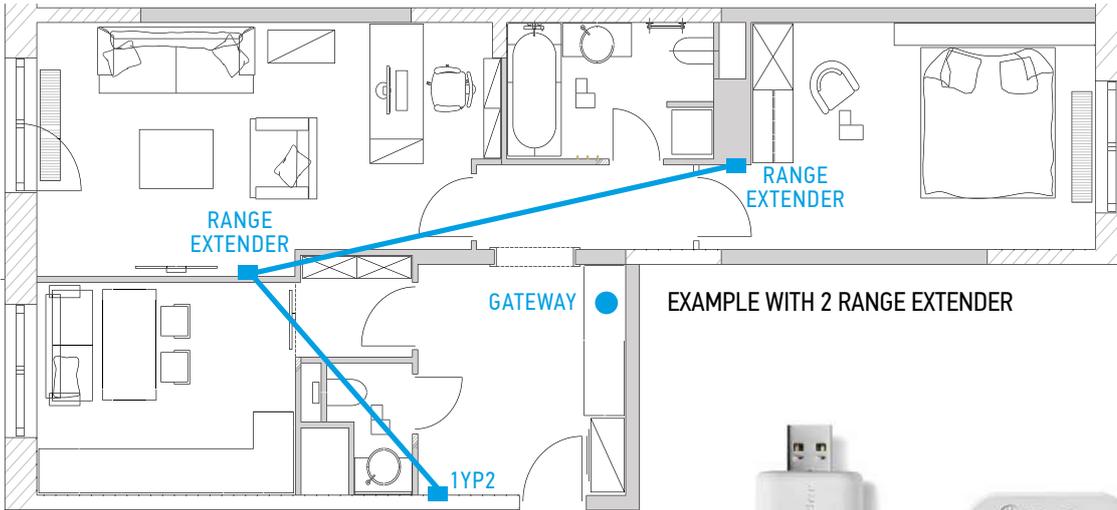**CONTROL SHUTTER**

USER FRIENDLY

CENTRALIZED COMMANDS

3

RANGE EXTENDER

The range extender is a device for extending the range of YESLY devices by around 10 meters in free space.
The ideal solution for large homes.
Available in a plug and play version with USB connector, or in a hidden recessed version.

RANGE
EXTENDER

RANGE
EXTENDER

GATEWAY ● **EXAMPLE WITH 2 RANGE EXTENDER**

1YP2

**PLUG & PLAY
INSTALLATION**

**RANGE
EXTENSION**

Type 1Y.EU.005   Type 1Y.E8.230

INPUT INTERFACE

The Type 1Y.P2 Interface Input can transform any push-button or switch into a wireless control for the YESLY system.
Invisible and integratable into any installed home lighting system.
Perfect for centralizing or controlling individual electric shutters.

Type 1Y.P2

**CREATE
SCENARIOS**

BLUETOOTH

**ADJUST AND
TURN DEVICES
ON / OFF**

**INTERFACE
BUTTON**

GATEWAY

The YESLY GATEWAY allows you to manage the opening or closing of your electric shutters and curtains - or to control your lighting - from a remote location using your smartphone and the Finder YOU app. It also permits control via voice command using the Google Assistant or Amazon Alexa. In addition, thanks to them, you can integrate YESLY into routines, along with other services offered by voice command assistants.
The GATEWAY is a small, elegantly designed, easy-to-install device.

868 MHz

Wi-Fi
BLUETOOTH

REMOTE CONTROL VIA
FINDER YOU APP

INTEGRATES
COMMANDS
WITH VOICE
ASSISTANTS

WORKS WITH
amazon alexa

works with the
Google Assistant

WIRELESS PUSH BUTTONS

BEYON

Available in single or dual configuration and in multiple colours, adapts to any environment and can be adhered to most surfaces.

BLUETOOTH

NO BATTERY, NO CHARGING

ADJUST AND TURN DEVICES ON / OFF

WALL MOUNTED WITH 2 OR 4 CHANNELS

The Type 013.B9 push-buttons work without batteries and without any charging device.e possono essere montati su scatole di derivazione
da 60mm o applicati a parete grazie all'apposito adesivo.

BLUETOOTH

NO BATTERY, NO CHARGING

RECESS MOUNTING

ONE APP FOR YOUR SMART HOME

With **Finder YOU** each member of the family can control the lights and electric shutters from their smartphone, calling up customized SCENARIOS. Ideal for creating the most suitable ambiance at any time of day, and easily managing your smart home, even remotely.

CONTROL CURTAINS / ELECTRIC SHUTTERS

TURN LIGHTS ON / OFF

CUSTOMISE ALL ICONS AND ROOMS IN THE APP

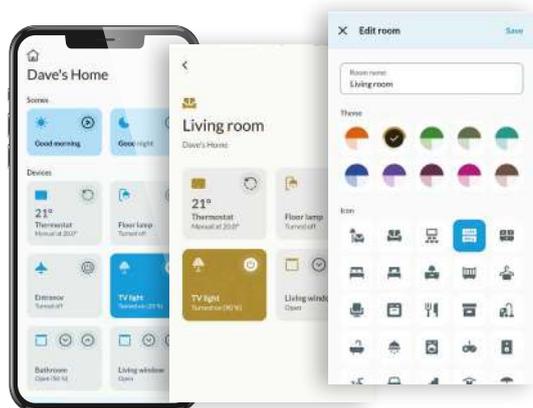**GROUP TOGETHER DEVICES BY ROOM**
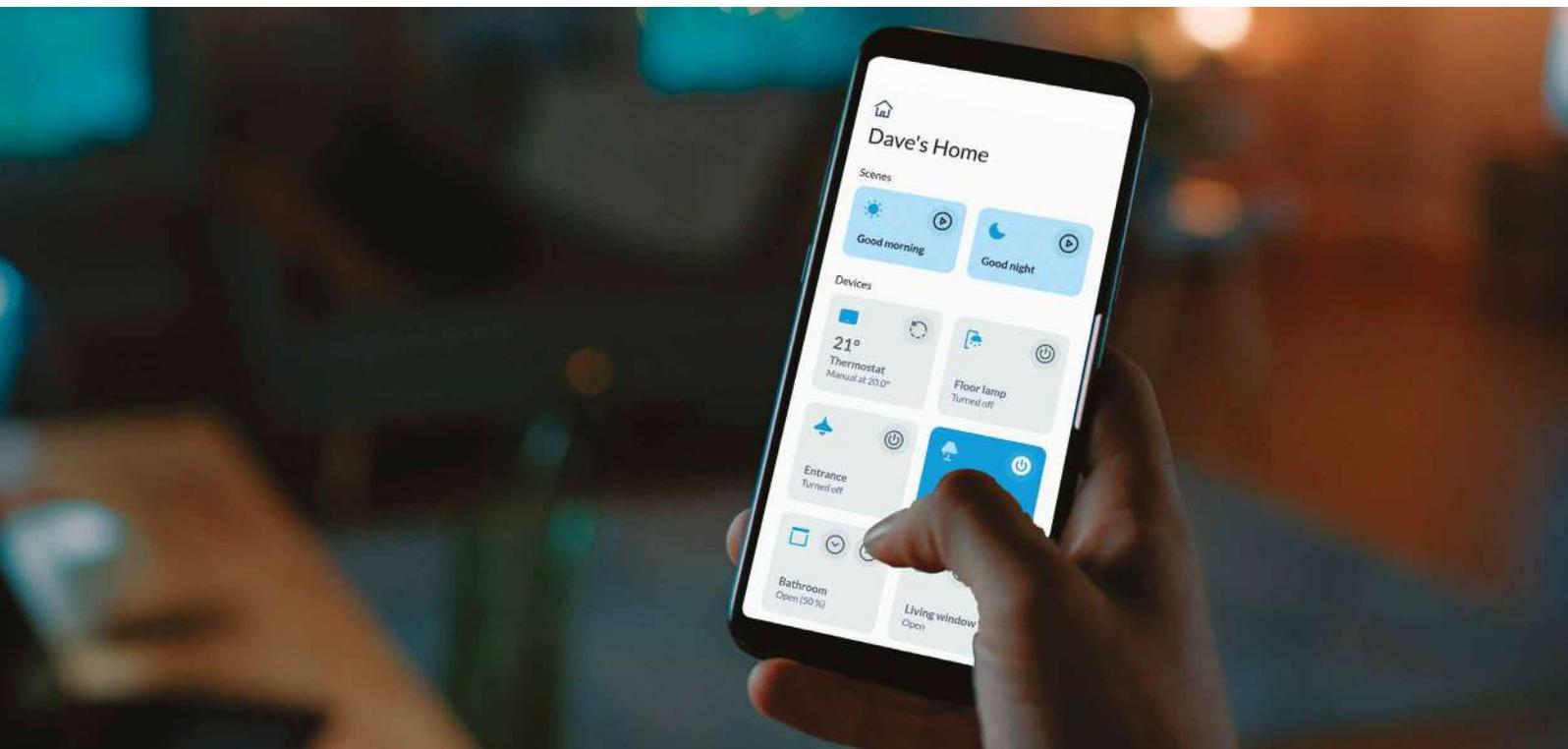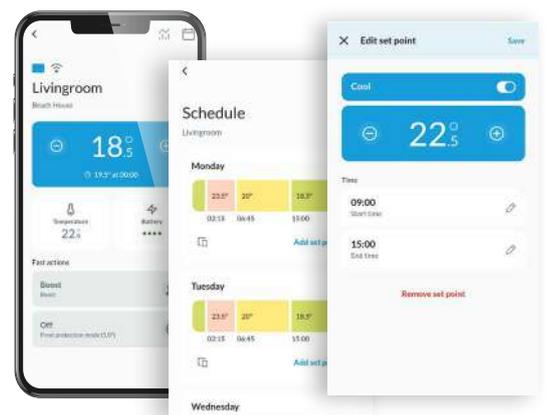
REGULATE LIGHTING

CONFIGURE UP TO 8 SCENARIOS PER DEVICE

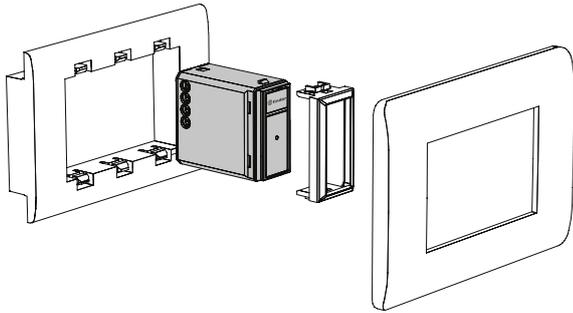### Control lights, electric curtains and power shutters

Control the ambient temperature

A COMPLETE RANGE

ALL THE FUNCTIONS YOU WANT, WITHOUT REQUIRING INVASIVE WORK

The range of Finder products that can be integrated within the type 503 and type 504 wall boxes is completed with the Lumos 1L.10 model and the movement detector 18.91 (page 25)

Installation example

LUMOS
THE MAGIC OF LIGHT, ONLY WHEN IT 'S NEEDED

The Type 1L.10 LUMOS emergency light enhances safety in the home in the event of a power outage.
It has sleek lines and an ultra-flat design.
Perfect for any type of environment and available in two colours (white and anthracite grey),
this product looks great and can be integrated in the most popular home and commercial electrical systems.

Emergency
light

LUMOS
Type 1L.10

Type 1L.10.8.230.0002
anthracite gray

Type 1L.10.8.230.0000
white

MOVEMENT DETECTOR

The Type 18.91 triggers the lighting on the detection of people in transit. It is perfect for integration in areas such as indoor garages, toilets, service rooms or corridors, as it is virtually invisible after installation.
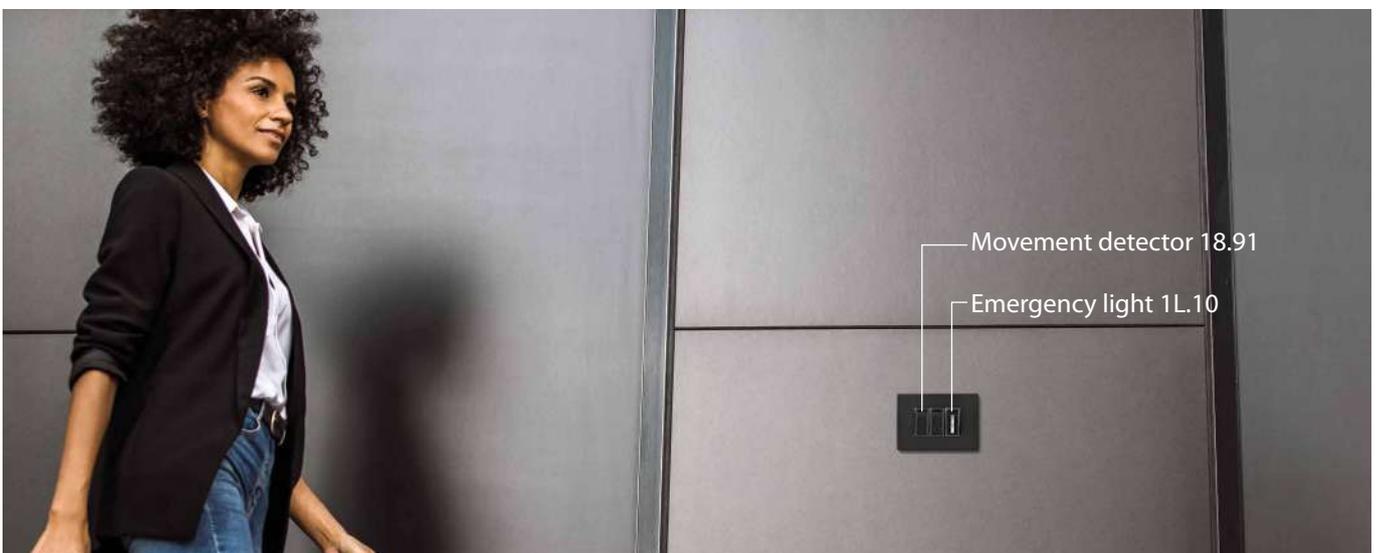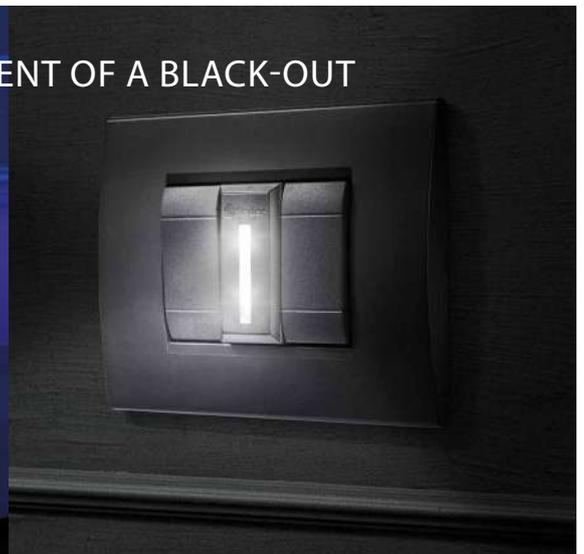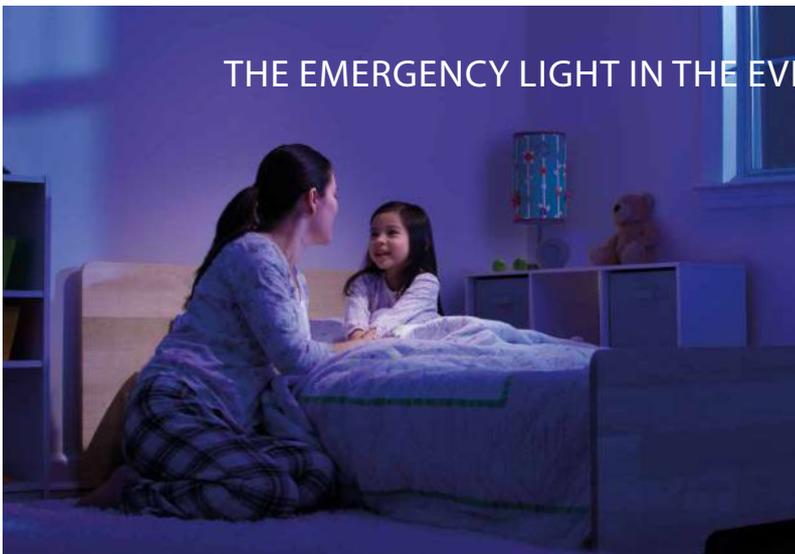
Movement
detector
Type 18.91
(see page 25)

Type 18.91.8.230.0042
anthracite gray

Type 18.91.8.230.0040
white

THE EMERGENCY LIGHT IN THE EVENT OF A BLACK-OUT

Movement detector 18.91

Emergency light 1L.10

LIGHT DEPENDENT RELAYS

FINDER's light dependent relays switch the lights on and off depending on the brightness threshold set.
This is an energy efficient way of controlling lighting systems such as streetlights.
The relays are available in modular versions for mounting on a 35 mm rail in outline widths of 1 or 2 modules
(11 Series) or for mounting on walls or on street lights (10 Series).

ENERGY SAVINGS

Finder's light dependent relays only switch on the lights when the level of natural light drops below the brightness value set. This means you can rest assured that you are using light when only strictly necessary.

COMFORT

There is no need to schedule the lighting via a timing device because it will switch on as soon as it gets dark. All you need to do is set the switching brightness level threshold, and the deed is done!

PRECISION

With several Italian patents to its name, such as the zero hysteresis principle and the light feedback compensation patents, Finder's light dependent relays are extremely accurate devices that can guarantee the highest performance at all times.

10 SERIES

POLE AND WALL MOUNTING

The Finder 10 Series light dependent relays with photosensors will switch lights on and off according to the ambient light level. They are designed to be installed on poles or as stand-alone devices, and are therefore particularly suited for street lighting, or to manage lighting in car parks or walkways.

Type 10.32
Single output
Double pole switching (L+N)

Type 10.41
Single output
Single pole switching (L)

Type 10.42
Two independent outputs
Single pole switching (L)

Type 10.51
Single output
Single pole switching (L)

Compact

Type 10.61
Single output
Single pole switching

(Prewired - 500 mm)

11 SERIES

LIGHT DEPENDENT RELAYS FOR ELECTRICAL ENCLOSURES

The Finder 11 Series modular light dependent relays are designed to be installed within electrical panel enclosures in conjunction with a remote light-sensitive sensor. These light dependent relays incorporate two Italian patents: The zero hysteresis circuit patent, which ensures that the switch on and switch off both occur at a single lux threshold level, as set – without any hysteresis. The light feedback compensation patent minimizes set-up and operational problems by counteracting the effect of the sensor responding to the light emitted from the lighting under control. These technical refinements ensure the optimum use of electrical power with ease of set-up and operation, making them particularly suited to applications in almost all residential, commercial, public and industrial settings

Type 011.02
External
light-sensitive sensor

Type 11.31
Compact

Type 11.41
Patent "ZERO HYSTERESIS" +
"LIGHT FEEDBACK COMPENSATION"

Type 11.42
2 independent
outputs

Type 11.91
Digital, light dependent relay +
time switch, with patent
"Light feedback compensation"

TIME SWITCHES

12 SERIES

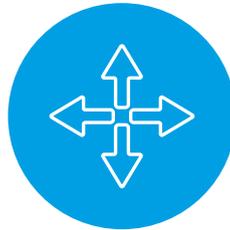## PROGRAM YOUR LIGHTING FOR OPTIMUM COMFORT AND ENERGY SAVINGS

To be able to schedule and manage when lighting comes on and goes off in a way that is both optimal and efficient, be it in privately owned spaces such as houses and apartments, or in common areas in apartment buildings and offices such as gardens, garages and entrance halls, according to the time of day and/or geographical location. Finder 12 Series Time Switches are the perfect tools to create light when you need it!

MADE IN EUROPE DEPENDABILITY

12 Series time switches are manufactured in Italian production plants owned by the FINDER group.
All processes are carried out in compliance with an ISO9001 certified production system for quality, in production plants equipped with cutting-edge technology. What does this mean for you? Maximum reliability, service and safety.
Guaranteed.

FLEXIBILITY, TO RESPOND TO ALMOST ALL YOUR NEEDS

Whoever said that one solution works for everyone?
With a wide range of functions and the configuration capability of smartphone using the Finder TOOLBOX app, Finder 12 Series time switches enable you to program your lighting system down to the tiniest detail, offering the utmost flexibility. Now there's a system that can really suit your needs!

SAVE TIME, ENERGY AND MONEY

Thanks to its ASTRO program, the Finder 12 Series saves you time, even during installation. Configuring the system via a smartphone is around five times faster than doing it manually. The ASTRO system switches the lighting on and off according to the geographic coordinates of your location and the time of year.

LOAD MANAGEMENT SOLUTIONS

Time switches are widely used to optimise the management of loads, by programming their activation or deactivation daily, weekly and/or annually, according to a predefined time or calculation of sunrise and sunset times.

Or in public situations where, the possibility of programming via smartphone, allows a single operator to manage the schedule.

This reduces errors and avoids overlapping settings/multiple programming, therefore reducing wasted energy.

Due to their versatility, Series 12 time switches can be used in irrigation systems, heating / air conditioning systems, shop window displays, digital signage, access control and public lighting systems.

| 12.51 | 12.81 | 12.61 / 12.62 12.A1 / 12.A2 12.A4 | 12.B2 |

Analog/digital time switches programmable with the joystick or in 'smart' mode via NFC using the Finder Toolbox smartphone app:

- **Type 12.51** - Analog/digital time switch with daily/weekly programming;
- **Type 12.81** - Digital time switch;
- **Type 12.61** - Digital time switch with pulse function (1-contact version);
- **Type 12.62** - Digital time switch with pulse function (2-contact version);
- **Type 12.A1** - Weekly time switch with Astro function (1-contact version);
- **Type 12.A2** - Weekly time switch with Astro function (2-contact version);
- **Type 12.A4** - Weekly time switch with Astro function. Suitable for applications in which the variation of the load intensity is required in a certain time slot, or astronomical event. Compatible with power supplies with 0-10 V or PWM inputs.
- **Type 12.B2** - **Bluetooth Astro annual clock** allows any load to be managed on an annual basis, diversifying the programming according to 'one or more specific periods' or "of one or more individual days".

finder

TYPE 12.B2
ANNUAL ASTRO TIME SWITCH WITH BLUETOOTH

Synchronizable via wireless GPS antenna (Type 012. BG.8.230) and expandable via Bluetooth inputs and outputs (Type 13.21-B and Type 1Y.P2). Annual function, for scheduling over specified periods or specific days of the year.

ANNUAL SCHEDULE	GPS (external antenna)	BLUETOOTH	NFC	COMMUTABILE TRAMITE PULSANTE

The Type 012.BG GPS antenna is an optional accessory that does not affect the normal operation of the Type 12.B2 time switch.

Type 12.B2   Type 012.BG
                               Bluetooth GPS Antenna

Ideal for schools, public lighting, small automations and shops.
E.g. within a school building it is possible to programme the bell to operate only during the school days.
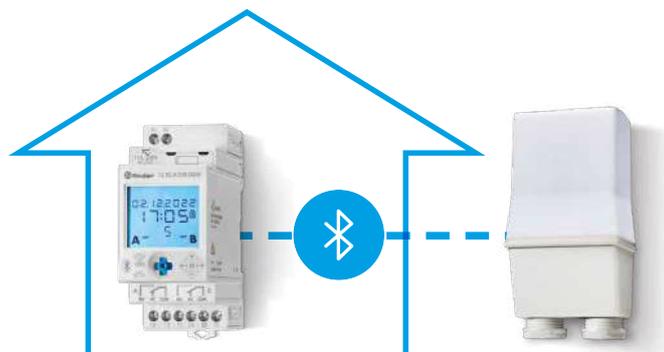
EXPANDABILITY

Using Types 1Y.P2 and 13.21-B000 expansion units the time switch can potentially achieve up to 6 outputs (2 on the device and 4 external) and 8 configurable external inputs.

Up to 4x
Type 1Y.P2
(2 input interfaces)

Up to 4x
Type 13.21.8.230.B000
(multifunction relay)

GPS SYNCHRONIZATION

The external antenna works via Bluetooth Long Range and avoids running cables between the transmitter and the receivers.

SMART TIME SWITCHES WITH NFC TECHNOLOGY

Setting up a timer has never been easier, with new "smart" time switches that can be configured via a smartphone.

	12.51	12.81	12.61	12.62	12.A1	12.A2	12.A4	12.B2
Number of contacts	1	1	1	2	1	2	1	2
12…24 V DC version			✔			✔		
Astro		✔			✔	✔	✔	✔
Time	✔		✔	✔	✔	✔	✔	✔
Pulse			✔	✔	✔	✔	✔	✔
Astro Pulse								✔
Astro correction Cyclic function Random switching								✔
Weekly	✔		✔	✔	✔	✔	✔	✔
Annual								✔
Accuracy	30 min	1 min	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec
Expandable								✔
GPS synchronization								✔
Bluetooth								✔
Light level control PWM o 0-10 V							✔	

"SMART" CONFIGURATION

With the Finder Toolbox app, you can now configure a time switch straight from your smartphone!
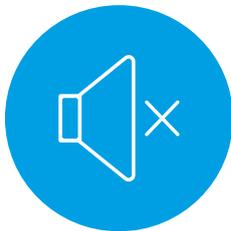By using the NFC technology, available on Android and iOS system, you can:

• Configure the time switch straight from your smartphone

• Repeat the same configuration over several days

• Save the configuration and apply it to other devices

13 SERIES

ELECTRONIC STEP RELAYS

The Finder 13 Series electronic step relays, which are quieter than classic electromechanical step relays. If your system requires a centralised on/off control with just one switch, the electronic step relay is the easiest to install and connect. The 13 Series **offers the best choice for a wide variety of applications**.
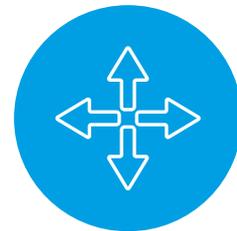
NOISELESS

Finder's specially designed electronic step relays are practically silent.

DEPENDABILITY

Since its first patent in 1954, Finder has been in the vanguard of the evolution of the step relay, now synonymous with the brand.

FLEXIBILITY

A wide range of switching sequences to suit a wide range of requirements and applications.
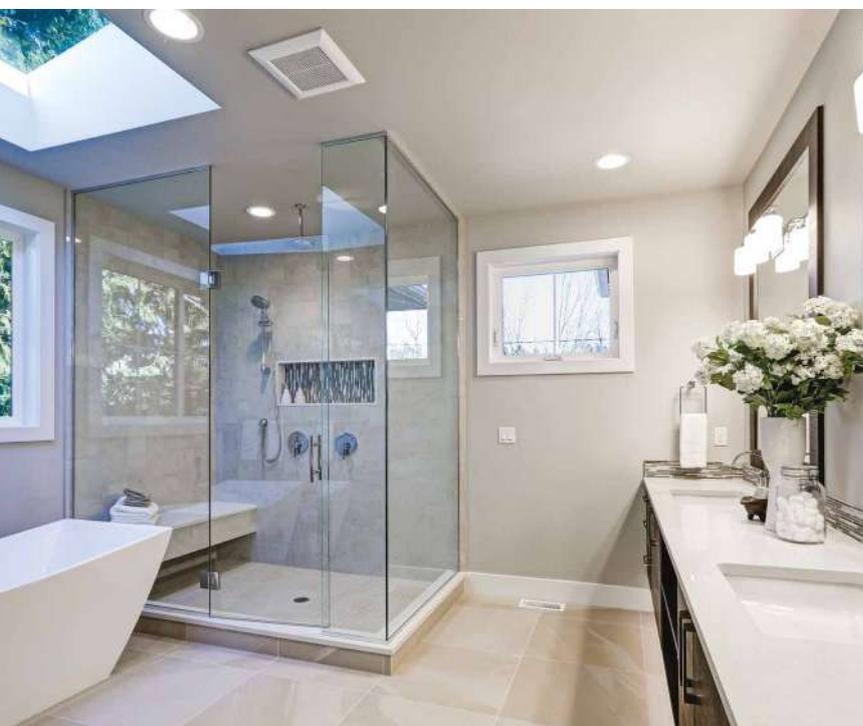
Type 13.01
SELV applications

Type 13.11 – 1 Pole
Type 13.12 – 2 Pole
CALL + RESET
Emergency calls
(ideal for bathrooms,
hospitals and care homes)

Type 13.61
Multifunction
with RESET

Type 13.81
Quiet electronic step
relay - Rail mount

Type 13.91
Quiet electronic step relay
Step relay and timing step relay

14 SERIES

MULTI-FUNCTION ELECTRONIC STAIRCASE TIMERS

LIGHT FOR AS LONG AS YOU NEED IT

The Finder 14 Series staircase timers are designed to control the lighting systems fitted to staircases in houses, apartment blocks and public buildings. Thanks to the range of different functions available, each timer can be configured to meet the specific requirements of each application. Other functions that you may find particularly useful include the 'stair cleaning' maintenance function, which keeps the lights on during cleaning, or the 'power off warning' function, which ensures the lights do not suddenly go off, (but instead are gradually dimmed to give you the chance to press the button again).
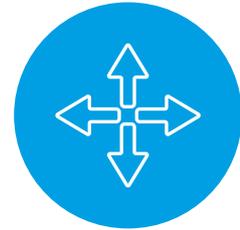
SAFETY

Having the right lighting level in stairwells is not only about comfort, but more importantly it is about being able to go up and down the stairs in complete safety. With the flashing and pre-power-off functions, you will never be left in the dark!

DEPENDABILITY

Manufactured in Italy and tested up to four times, Finder staircase timers truly are synonymous with reliability.

FLESSIBILITÀ

8 functions to choose from and an array of configuration options ensure you enjoy the full flexibility of your application.
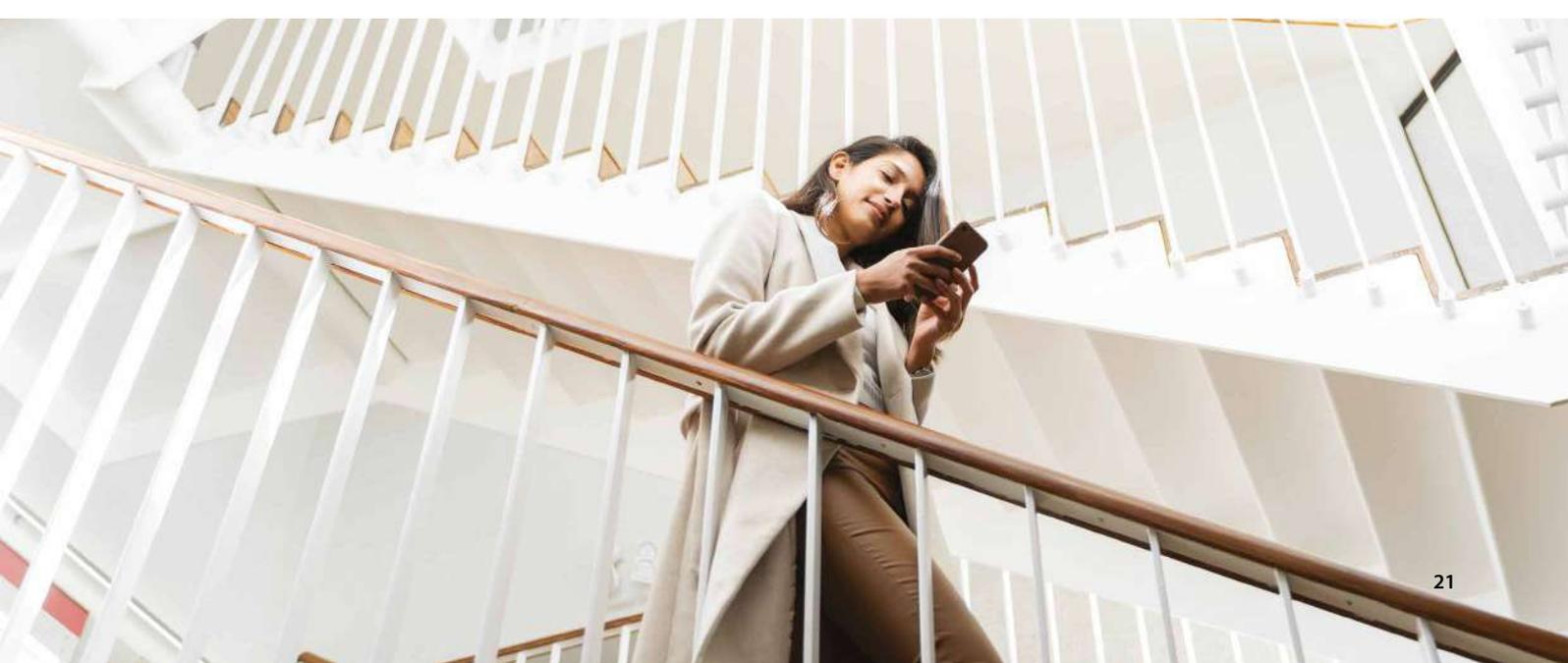
Type 14.61.8.230.P000

FINDER staircase timers are characterized by the many functions available and the possibility of being installed in systems with wired control buttons all on both Phase or Neutral.

The range includes more more innovative products such as the 14.01 and 14.71 multifunctional models, more 'basic' models such as the 14.81 or models like the 14.61-P, equipped with Push-In terminals for faster wiring.

FUNCTIONS (according to type)

BE	STAIRCASE TIMER
ME	STAIRCASE TIMER + STAIRCASE MAINTENANCE
BP	STAIRCASE TIMER WITH EARLY WARNING
MP	STAIRCASE TIMER WITH EARLY WARNING + STAIRCASE MAINTENANCE
IT	TIMING STEP RELAY
IP	TIMING STEP RELAY WITH EARLY WARNING
RI	STEP RELAY
☼	LIGHT ON

finder

15 SERIES

FINDER DIMMERS ADJUST THE LIGHT LEVEL
TO ENSURE THE PERFECT AMBIENCE FOR ANY OCCASION

Being able to dim the lights, or to adjust the brightness, is essential for creating the right ambience in restaurants and hotels, but it is just as important to be able to enjoy comfortable lighting at home. Finder 15 Series dimmers allow you adjust the brightness of each lamp or the entire system to create the perfect ambience.
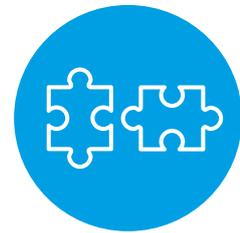
SAFETY

Finder 15 Series dimmers are designed to protect against overload and short-circuits.

COMFORT

Just the right amount of light, as and when you want it: any time of day and in any location. Now that's comfort!

VERSATILITY

Finder 15 Series dimmers can dim all types of lamps, including incandescent, halogen, energy-saving bulbs, compact fluorescent light bulbs (CFLs) and LEDs, with all kinds of electromechanical transformers.

WALL BOX OR PANEL MOUNT
Type 15.51

Is suitable for wall box or panel mounting.
It can control dimmable LEDs and incandescent or halogen bulbs up to 400 W.
Adjustment can be set to follow a linear or a square-law curve.
Load adjustment is the 'Trailing Edge' type, meaning it is carried out through blocking of the end section of the half-wave.

MOUNTABLE IN WALL BOX
Type 15.91

Can be installed as a wall box mounted dimmer and integrated with the major residential and commercial wiring accessory systems.
The dimmer can control 230 V light bulbs, dimmable LEDs from 3 to 50 W and incandescent or halogen bulbs from 3 to 100 W.
Adjustment is linear and with the "with memory" function you can also set the system to remember the previously used brightness level. Load adjustment is 'Leading Edge', meaning it is carried out through the blocking of the initial section of the half-wave.

'MASTER & SLAVE' SYSTEM FOR SINGLE OR COMBINED MULTIPLE DIMMING LOADS

The 'MASTER & SLAVE' system for dimming was created by Finder to provide a tool that is flexible and powerful, for all those applications requiring the management of a large number of loads.
The **Master Dimmer Type 15.10** control device generates a 0 – 10 V signal which is proportional to the value of light desired that, connected to other **Slave Dimmer type 15.11**, can adjust the brightness of the lamps.
Each 'Master' can drive **up to 32** 'Slave' dimmers with a switchable power of 400 W each.
The combination of these two products allows you to create that unique lighting ambience.

Type 15.10 - Type 15.11
Master & Slave

APPLICATIONS

The Master & Slave dimmer system is ideal for commercial environments, such as restaurants, hotels and shops, and more generally, anywhere there is a need to control a large number of lamps with precision.
With the 'BP' function 'Switch-off pre-warning', the lamps will not switch off suddenly, but will reduce their intensity gradually to 50% for 10 seconds, and then reduce the light intensity until complete switch-off (unless the button is pressed again and then 100% is restored).

MODULAR, 35 mm RAIL MOUNT
Type 15.81

Is designed for 35 mm rail mounting, this product can even dim energy-saving bulbs, compact fluorescent light bulbs (CFLs) and dimmable LEDs, and works with all types of electromechanical transformers. More functions can be configured for the dimmer to operate with Leading Edge or Trailing Edge settings. It can manage loads up to 500 W.

SELECT DIMMER ACCORDING TO LOAD TYPE

*   Drives a single transformer only
**   Drives a single transformer only -
     Trailing Edge method (TE)
*** Drives a single transformer only -
     Leading Edge method (LE)

		15.51	15.91	15.21.8.230.0200	15.81	15.2K
DIMMABLE LED 230 V AC	**LED**	50 W (Trailing Edge)	50 W (Leading Edge)	200 W	100 W	100 W
ELECTRONIC TRANSFORMER (Low voltage LED)	**LED**	50 W **	50 W ***	200 W	100 W	100 W
STRIP LED 230 V AC		—	—	180 W	450 W	360 W
INCANDESCENT OR HALOGEN		400 W	100 W	200 W	500 W	400 W
TOROIDAL TRANSFORMER (Low voltage Halogen)		300 W *	—	—	500 W	400 W
ELECTROMAGNETIC TRANSFORMER (Low voltage Halogen)		—	—	—	500 W	400 W
ELECTRONIC TRANSFORMER "Ballast" (Low voltage Halogen)		400 W *	—	200 W	500 W	400 W
DIMMABLE COMPACT FLOURESCENT (CFL)		—	—	—	100 W	100 W
MINIMUM POWER LEVEL		10 W	3 W	3 W	3 W	2 W

YESLY   YESLY   YESLY   MASTER   &   SLAVE

*   Automatically adopts appropriate dimming method

****   Drives up to 32 slaves (15.11) or similar 0–10 V / 1–10 V devices

		15.71	15.21.8.230.B300	15.21.9.024.B200	15.10	15.11
DIMMABLE LED 230 V AC	**LED**	100 W	150 W	—	—	100 W
ELECTRONIC TRANSFORMER (Low voltage LED)	**LED**	200 W	300 W	—	—	100 W
STRIP LED 230 V AC		180 W	270 W	—	—	360 W
STRIP LEDs 12…24 V DC		—	—	8 A 192 W - 24 V 96 W - 12 V	—	—
INCANDESCENT OR HALOGEN		200 W	300 W	—	—	400 W
TOROIDAL TRANSFORMER (Low voltage Halogen)		200 W	300 W	—	—	400 W
ELECTROMAGNETIC TRANSFORMER (Low voltage Halogen)		200 W	300 W	—	—	400 W
ELECTRONIC TRANSFORMER "Ballast" (Low voltage Halogen)		200 W	300 W	—	—	400 W
DIMMABLE COMPACT FLOURESCENT (CFL)		100 W	150 W	—	—	100 W
LIGHT INSTALLATION WITH 0–10 V / 1–10 V POWER SUPPLY		—	—	—	0-10 V, +35 mA 1-10 V, -35 mA ****	—
MINIMUM POWER LEVEL		3 W	3 W	—	—	3 W

![finder]

MOVEMENT AND PRESENCE DETECTORS
LIGHT WHEN YOU NEED IT

Made in Italy the design, engineering and construction are values that distinguish the 18 Series motion detectors by Finder.
Designed with the places where they will be installed in mind, these devices feature small dimensions and a linear design perfect for all environments.
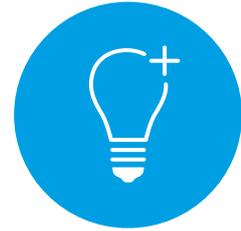
SAFETY

Finder's movement detectors will automatically and immediately **switch on the lights as soon as someone passes through the area.** This means that there is no need to install light switches, especially in communal areas such as garages and staircases. In addition, when fitted in strategic locations and when correctly integrated with a lighting system, the movement detectors can serve as a deterrent for intruders.

COMFORT

All the light you need, only when you need it. This is the philosophy that Finder designers kept in mind when developing their movement and presence detectors. Thanks to the wide area of survey, the sensitivity of the lenses and the effective integration with the lighting system, Finder detectors guarantee unbeatable comfort and convenience. Gone are the days scrabbling around in the dark for the light switch in the garage or on the staircase: **light now follows your every move!**

ENERGY SAVINGS

Finder detectors ensure that your lights are switched on only when strictly necessary. This will naturally bring substantial energy savings, in heavily transited areas, and in places that are used at specific times, such as schools, offices, corridors, staircases, garages and more.

18 SERIES

PROGRAM YOUR LIGHTING TO RESPOND TO MOTION
WITH FINDER'S MOVEMENT AND PRESENCE DETECTORS

Be it in offices, apartment buildings or homes, either inside or outside, light is synonymous with safety.
With Finder's movement and presence detectors you can have all the light you need, only when you need it.
As soon as Finder detectors sense movement in their area of coverage, they will switch on the lights in the office,
corridor, stairwell, garage or garden, to ensure your comfort and safety.
With a range comprising 14 different models, Finder can always provide the right one for you.
Whether surface or recessed mounting on walls or ceilings, for internal or external applications,
we have the detector to meet all your requirements.

INTERNAL PRESENCE DETECTORS

Presence sensors, also known as PIR (PIR – Passive InfraRed) movement detectors, are designed to switch on the light
automatically every time the sensor detects **even the slightest movement.** In a crowded room, where lots of people
are coming in and out, the motion sensor will continue to detect movement and the light will remain on.
It will go off when the last person present moves outside of the sensor's area of survey, and when the time scheduled
for the light to remain on has elapsed.

EXTERNAL MOVEMENT DETECTORS

Internal presence detectors are particularly suited for use in bathrooms, corridors, staircases and,
more generally, in less heavily transited areas.

INTERNAL MOVEMENT DETECTORS

- Surface or recess mounting
- Suitable for high ceilings (up to 6 metres)
- Suitable for home automation system applications (PLC or BMS)
- Suitable for corridors

Type 18.21   Type 18.31   Type 18.41

INTERNAL SMART PRESENCE DETECTORS FOR CEILING MOUNTING

- Ability to detect micro-movements
- Wide coverage of up to 64 m^2
- Available with an external button to force shutdown
- Responsive lighting brightness to ensure the utmost comfort
- Available in versions for KNX or DALI home automation systems

**Programming by Bluetooth
with Finder TOOLBOX app,
for Android and iOS.**

GET IT ON
Google Play

Download on the
App Store
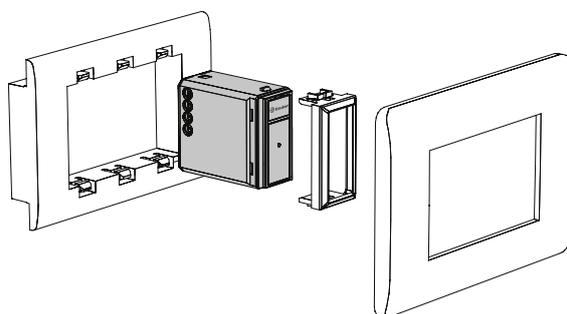
TOOL
BOX

Type 18.51
Surface

Type 18.51
Recess

ADJUSTABLE INTERNAL/EXTERNAL MOVEMENT DETECTORS FOR WALL MOUNTING

- With light dependent sensor and power off delay
- Adjustable swivel action for easy positioning
- Wide area of survey
- Internal/external installation (IP54 - IP55 certified)

IP 40

Type 18.01

IP 54

Type 18.11

IP 55

Type 18.A1

INTERNAL MOVEMENT DETECTORS (WALL-BOX MOUNTING IN INTERNAL INSTALLATIONS)

- Compatible with wall boxes with a diameter of 60 mm, or 2-3module boxes
- Compact design
- **Type 18.91**, he only wall box mounted detector with an integral, completely flat lens, compatible with the most widely used residential wiring accessory systems

Type 18.91

ADVANTAGES FOR THE USER

- Substantial energy savings
- 'Made in Italy' quality and dependability
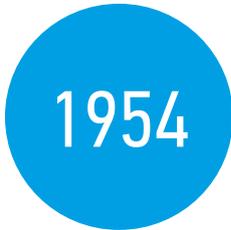- Modern, compact and functional design

ADVANTAGES FOR THE INSTALLER

- Easy to install with Push-IN terminals
- Finder quality guaranteed
- For wall or ceiling, surface or recess (60 mm or 2-3 module box) mounting

20 - 26 - 27 SERIES
ELECTROMECHANICAL STEP RELAYS
THE 'CLICK' THAT'S BEEN SWITCHING THE LIGHTS SINCE 1954

The Finder 20, 26 and 27 Series bring together various versions of the first product that was patented and manufactured by the company in 1954: the electromechanical step relay.
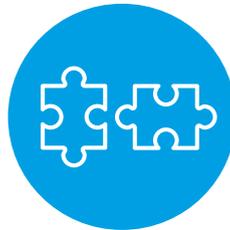Ever since, the electromechanical step relay has become synonymous with the Finder brand, reliably and effectively demonstrating the quality of our products.

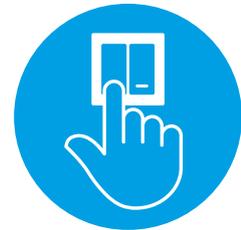Finder's step relays are perfect devices for any lighting system.

1954

HISTORY

Over 60 years' experience in manufacturing this type of product today enables us to ensure the highest quality standards.

VERSATILITY

Finder's range of electromechanical step relays enables you to implement up to 6 sequences for a fully versatile application.

CHOISE

A wide range of switching sequences to suit a wide range of requirements and applications.

20 Series
Modular step relays for
35 mm rail mounting

26 Series
Electromechanical step relays with
electrically separate coils and contacts

27 Series
Relè elettromeccanico ad impulsi
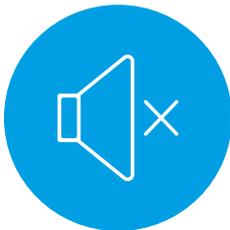con circuito bobina e contatti
ad eccitazione comune

22 SERIES

MODULAR CONTACTORS

FOR LARGE LOAD MANAGEMENT

The Finder 22 Series modular contactors can handle high power for a wide range of electrical systems, machinery and devices. They are often chosen to manage power in hotel rooms and passenger cabins on cruise ships. This is because they ensure high performance with quiet operation: the perfect combination to guarantee guests' comfort. The wide range of voltages and options available allows you to configure the product to the specific requirements of your application.

NOISELESS

For effective, discreet load management in areas such as hotel rooms and passenger cabins on cruise ships.
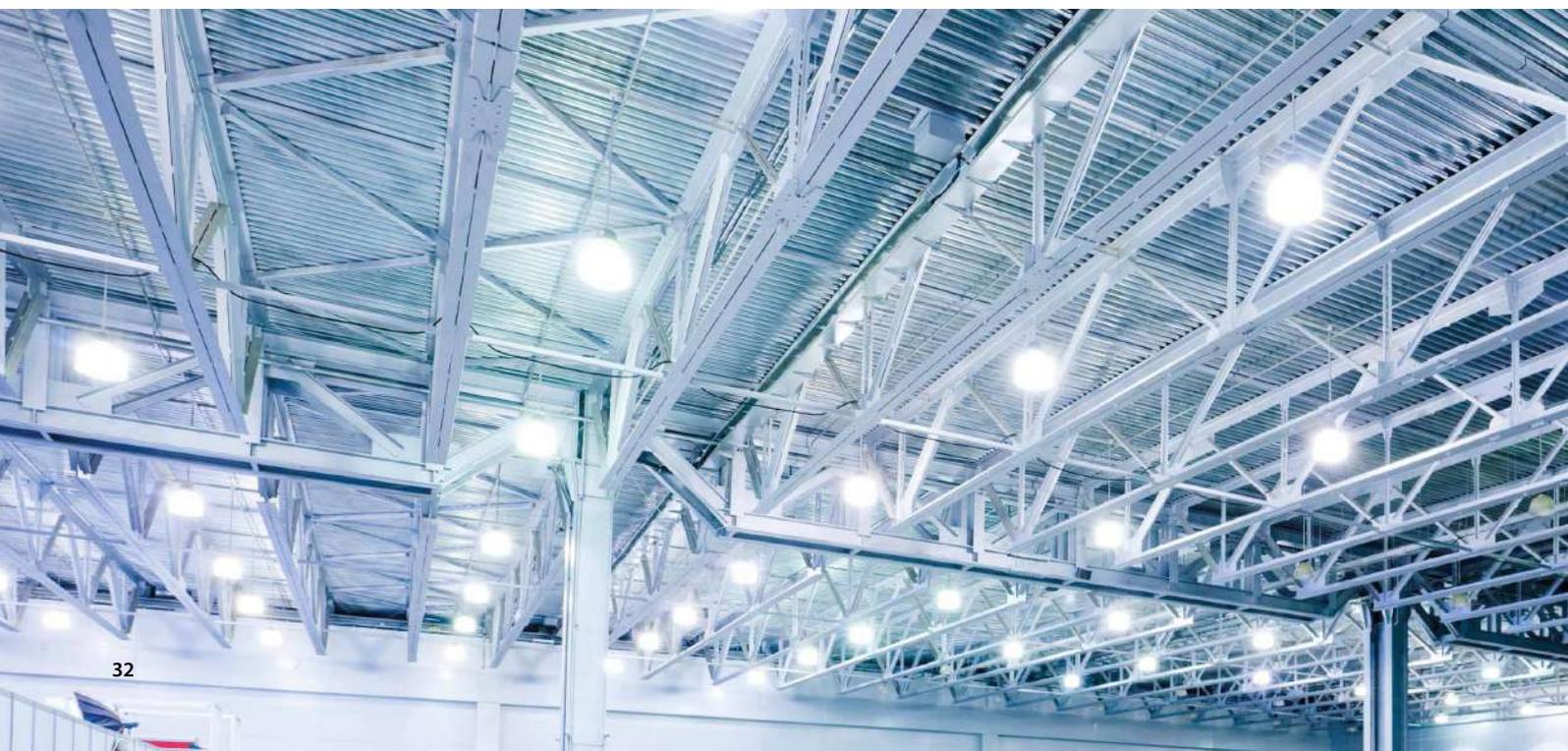
PERFORMANCE

Broad spectrum of controllable loads, with nominal current ratings from 25 to 63 A.

CONFIGURATION

The contactors can be configured to meet a wide range of requirements and applications.

MODULAR POWER CONTACTORS

I contattori modulari di potenza possono comandare sia circuiti di illuminazione in ambito civile/ industriale, che circuiti resistivi ed induttivi come motori, pompe, ventilatori ecc.
Sono disponibili in molteplici versioni (da 2 a 4 uscite, con diverse configurazioni NO-NC), con corrente nominale compresa tra 25 e 63 A ed una corrente massima istantanea che può arrivare fino a 240 A.

25 A

Wide range of different and
versions and options
For peak currents between
80 and 120 A

Type 22.32

Type 22.34

40 A

Type 22.44
Peak inrush capability
up to 176 A

63 A

Type 22.64
Particularly suited to
industrial lamp loads
with peak inrush
currents up to 240 A

78 SERIES

SWITCH MODE POWER SUPPLIES

LOW PROFILE, HIGH-PERFORMANCE

The Finder 78 Series switch mode power supplies are ideal for LED strips, video door entry systems and home automation systems. They stand out for their high standards of workmanship, 100% MADE IN ITALY, as well as an array of functions including: the front panel replaceable fuse for input protection, a compact design, and a very low energy use when in stand-by mode. The Types 78.51 and 78.61 models also have characteristics specifically intended for battery charging.
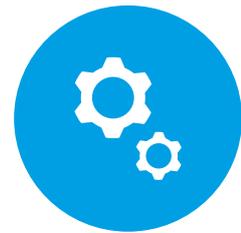They are ideal for supplying emergency lights, CCTV systems and access control systems.

DEPENDABILITY

Each power supply is subject to a series of rigorous tests before leaving the factory. This is the way we guarantee that you can fully trust our products. Finder power supplies are protected against overloading and short-circuiting.

PERFORMANCE

Finder power supplies are built to providetop-of-the-range performance in terms of efficiency and low energy use.

CONFIGURATION

The output of the power supply can be adjusted to meet the requirements of the application.

Type 78.12

12 W

Nominal output power

Type 78.36

36 W

Nominal output power

Type 78.50

50 W

Nominal output power

Type 78.60

60 W

Nominal output power

finder®
RELAYING INNOVATION

FINDER S.p.A. sole proprietorship
Via Drubiaglio, 14 - 10040 ALMESE (TO) ITALY
tel +39 011 9346211 - export@findernet.com

findernet.com