## PRODUCT PROFILE

## Automation

## Industrial applications

## Residential and Commercial



## 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 1300 individuals, all united by the same values and passion for our products.


## 14500

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, light and much more.

OUR PRODUCTS CARRY MORE CERTIFICATIONS THAN ANY OTHER RELAY MANUFACTURER

## C $\in$ UK



(41)


## FINDER IS AN ITALIAN BRAND WITH

## A WORLDWIDE PRESENCE

PRODUCTION PLANTS
IN EUROPE

29 SUBSIDIARIES

80
OFFICIAL DISTRIBUTORS


SWITCH TO THE FUTURE

| Features | Rated current | No. of contacts | Sockets |
| :---: | :---: | :---: | :---: |
| 30 Series - Subminiature DIL relays <br> - 2 Pole changeover contacts <br> - Low level switching capability <br> - Subminiature: - industry standard DIL package <br> - Sensitive DC coil: 200 mW <br> - Wash tight: RT III | 2 A | 2 CO |  |
| 32 Series - Subminiature PCB relays <br> - 1 Pole changeover contacts or 1 Pole normally open contact <br> - Subminiature, low profile package <br> - Sensitive DC coil: 200 mW <br> - Wash tight: RT III | 6 A | $\begin{aligned} & 1 \mathrm{CO} \\ & 1 \text { NO } \end{aligned}$ |  |
| 34 Series - Ultra-slim Electromechanical PCB relays <br> - Sensitive DC coil: 170 mW <br> - 5 mm wide <br> - $6 \mathrm{kV}(1.2 / 50 \mu \mathrm{~s})$ isolation, coil - contacts | 6 A | $\begin{aligned} & 1 \mathrm{CO} \\ & 1 \mathrm{NO} \end{aligned}$ | 93 Series |
| 34 Series - Ultra-slim Solid State PCB relays <br> - Sensitive DC input circuits <br> - 5 mm wide <br> - Silent, high speed switching with long electrical life | $\begin{array}{r} 0.1 \mathrm{~A} \\ 0.2 \mathrm{~A} \\ 2 \mathrm{~A} \\ 6 \mathrm{~A} \end{array}$ | 1 output (SSR) |  |

## 36 Series - Miniature PCB relays

- 1 Pole changeover contacts
- Miniature"Sugar Cube" package

1 CO

- Sensitive DC - 360 mW
- Wash tight: RT III


40 Series - Miniature PCB/plug-in relays

- DC coils 500 or 650 mW (standard or sensitive) \& AC coils
- 3.5 mm or 5.3 mm pin pitch
- $8 \mathrm{~mm}, 6 \mathrm{kV}(1.2 / 50 \mu \mathrm{~s})$ isolation, coil - contacts
- Flux proof: RT II standard


## 41 Series - Low profile electromechanical PCB relays



## 41 Series - Low profile Solid State PCB relays

- Low profile, 15.7 mm height

1 output

- Sensitive DC input circuits
- Silent, high speed switching with long electrical life


## 43 Series - Low profile PCB relays

- Low profile, 15.4 mm height
- Sensitive DC coils: 250 mW or 400 mW
- Very high coil contact isolation $10 \mathrm{~mm}, 6 \mathrm{kV}(1.2 / 50 \mu \mathrm{~s})$
- Flux proof: RT II standard, (RT III option)
- 3.2 or 5 mm pin pitch


## 45 Series - Miniature PCB relays

- Sensitive DC coil - 360 mW
- Relay for $+125^{\circ} \mathrm{C}$ ambient use
- Contact gap $\geq 3 \mathrm{~mm} / \geq 3.6 \mathrm{~mm}$ according to EN 60730-1

1 NC

- $8 \mathrm{~mm}, 6 \mathrm{kV}(1.2 / 50 \mu \mathrm{~s})$ isolation, coil - contacts
- PCB mounting + Faston 250

| Features | Rated current | No. of contacts | Socket |
| :---: | :---: | :---: | :---: |
| 46 Series - Miniature industrial relays <br> - DC coils, 500 mW or AC coils, 1.2 VA <br> - Socket mount or direct connection via Faston connectors <br> - Available with lockable test button, mechanical flag \& LED indicator <br> - $8 \mathrm{~mm}, 6 \mathrm{kV}(1.2 / 50 \mu \mathrm{~s})$ isolation, coil - contacts <br> - Special version for railway application | 16 A | 1 CO 2 CO | 97 Serie |
| 55 Series - General purpose relays <br> - AC \& DC coils <br> - PCB or Plug-in mounting <br> - Available with lockable test button, mechanical flag \& LED indicator <br> - Special version for railway application | $10 \mathrm{~A}$ $7 \text { A }$ | $\begin{aligned} & 2 \mathrm{CO} \\ & 3 \mathrm{CO} \\ & 4 \mathrm{CO} \end{aligned}$ | $94 \text { Ser }$ |
| 56 Series - Miniature power relays <br> - AC \& DC coils <br> - PCB or Plug-in mounting <br> - Flange mount option (Faston 187 termination) <br> - Available with lockable test button, mechanical flag \& LED indicator <br> - Special version for railway application | 12 A | $\begin{aligned} & 2 \mathrm{CO} \\ & 2 \mathrm{NO} \\ & 4 \mathrm{CO} \\ & 4 \mathrm{NO} \end{aligned}$ | 96 Series |
| 60 Series - General purpose relays <br> - AC \& DC coils, including "current sensing" versions <br> - 8 \& 11 pin plug-in <br> - Flange mount <br> - Available with lockable test button, mechanical flag \& LED indicator <br> - Version with bifurcated contacts for low level switching | $\begin{array}{r} 6 \mathrm{~A} \\ 10 \mathrm{~A} \end{array}$ | $\begin{aligned} & 2 \mathrm{CO} \\ & 3 \mathrm{CO} \end{aligned}$ | 90 Seri |
| 62 Series - Power relays <br> - AC \& DC coils <br> - PCB mount or Plug-in mount (Faston 187) or Flange mount (Faston 250) <br> - NO contacts options, $>3 \mathrm{~mm}$ contact gap <br> - LED, mechanical indicator \& test button options <br> - Magnetic blow version | 16 A | $\begin{aligned} & 2 \mathrm{CO} \\ & 2 \mathrm{NO} \\ & 3 \mathrm{CO} \\ & 3 \text { NO } \end{aligned}$ |  |
| 65 Series - Power relays <br> - AC \& DC coils <br> - PCB mount or Flange mount (Faston 250) <br> - NO version, > 3 mm contact gap | 20 A 30 A | $\begin{array}{r} 1 \mathrm{NO}+1 \mathrm{NC} \\ 1 \mathrm{NO} \end{array}$ |  |

## 66 Series - Power relays

- AC \& DC coils
- PCB mount or Flange mount (Faston 250)
- $8 \mathrm{~mm}, 6 \mathrm{kV}(1.2 / 50 \mu \mathrm{~s})$ isolation, coil - contacts
- Version ATEX compliant available


## 67 Series - Solar relays

- DC coils, with only 170 mW holding power
- Contact gap $\geq 3 \mathrm{~mm} / \geq 5.2 \mathrm{~mm}$ (according to VDE 0126-1-1, EN 62109-1, EN 62109-2)
- Reinforced insulation between coil and contacts
- 1.5 mm gap between PCB and relay base
- Suitable for use at ambient temperatures up to $85^{\circ} \mathrm{C}$ (with energy-saving coil energization) or $70^{\circ} \mathrm{C}$ (with standard coil energization)


## 68 Series - Power relays

- Contact gap $\geq 3.6 \mathrm{~mm}$ (according to VDE 0126-1-1, EN 62109-1, EN 62109-2)
- DC coils, with only 700 mW holding power
- Reinforced insulation between coil and contacts
- Suitable for use at ambient temperatures up to $85^{\circ} \mathrm{C}$
- Meets the EN 60335-1 requirements of resistance to heat and fire (GWIT $775^{\circ} \mathrm{C}$ and GWFI $850^{\circ} \mathrm{C}$ )


## RB Series - Bistable relays

- DC voltage
- 2 coil type
- SET and RESET signals

$$
4 \text { CO }
$$

- 35 mm rail (EN 60715) mount
- Pin socket type 90.21 mount


RR Series - Fast relay module

- DC voltage
- Operate time $\leq 3 \mathrm{~ms}$
- LED command status indication
- 35 mm rail (EN 60715) mount
- Pin socket type 90.21 mount

| Features | Rated <br> current | No. of <br> contacts |
| :--- | ---: | ---: | Sockets

## Relay interface modules (EMR/SSR), override modules

\begin{tabular}{|c|c|c|}
\hline Features \& Rated current \& No. of contacts \\
\hline \begin{tabular}{l}
38 Series - Relay interface modules \\
- DC, AC or AC/DC coil versions \\
- 6.2 mm or 14 mm wide \\
- Special coil / input leakage current suppression types \\
- Screw \& screwless terminals
\end{tabular} \&  \& \begin{tabular}{l}
1 CO \\
2 CO \\
1 SSR \\
1 SSR
\end{tabular} \\
\hline \begin{tabular}{l}
39 Series - MasterINTERFACE - Relay interface modules \\
- DC, AC or AC/DC coil versions \\
- 6.2 mm wide \\
- Electromechanical relays (EMR) or solid state relays (SSR) \\
- MasterBASIC for general use in any type of system available ATEX compliant version \\
- MasterPLUS accepts the output fuse module, for the easy and space efficient protection of output circuits \\
- MasterINPUT and MasterOUTPUT for the quick and easy distribution of supply voltage to proximity switches, electromagnetic valves \\
- MasterTIMER slim and multifunction timed interface modules with EMR and SSR, 8 functions, 4 time scales \\
- Push-in and screw terminals
\end{tabular} \& 6 A

0.1
2 A
6 A \& 1 CO <br>

\hline | 48 Series - Relay interface modules |
| :--- |
| - AC or DC coils |
| - 15.8 mm wide |
| - Instant ejection of relay using plastic retaining clip |
| - Supply status indication and EMC coil suppression module as standard |
| - Push-in and screw terminals |
| - Version with forcibly guided contacts | \& \[

$$
\begin{array}{r}
10 \mathrm{~A} \\
16 \mathrm{~A} \\
10 \mathrm{~A} \\
8 \mathrm{~A}
\end{array}
$$
\] \& 1 CO <br>

\hline | 4C Series - Relay interface modules |
| :--- |
| - AC or DC coils |
| - 15.8 mm wide |
| - Instant ejection of relay using plastic retaining clip |
| - Supply status indication and EMC coil suppression module as standard |
| - Push-in and screw terminals |
| - Mechanical indicator \& test button | \& 10 A

16 A

8 \& 1 CO <br>

\hline | 58 Series - Relay interface modules |
| :--- |
| - AC or DC coils |
| - 27 mm wide |
| - Instant ejection of relay using plastic retaining clip |
| - Supply status indication and EMC coil suppression module as standard |
| - Push-in and screw terminals |
| - Mechanical indicator \& test button |
| - Version ATEX Compliant | \& 10 A \& 2 CO

3 CO

4

CO <br>
\hline
\end{tabular}

## 19 Series - Override modules

- Clear indication of the signal or equipment status
- Auto/Off/On output module, 11.2 mm
- Easy to operate selection switches and potentiometers

Overide module,
Auto/Off/Hand (On)

- Feedback contact; signals when switch is not in "Auto" position
- Override module,

Auto/Off/Low/High

- Compact housing: width 11.2, 17.5, 35070 mm

| Features | Rated current | No. of contacts |
| :---: | :---: | :---: |
| 50 Series - Safety relays (EN 61810-3) <br> - DC coil <br> - PCB Relay with forcibly guided contacts according to EN 61810-3 Type A and Type B <br> - High physical separation between adjacent contacts <br> - $8 \mathrm{~mm}, 6 \mathrm{kV}(1.2 / 50 \mu \mathrm{~s})$ isolation, coil - contacts <br> - Flux proof: RT II and RT III | 8 A | $\begin{array}{r} 1 \mathrm{NO}+1 \mathrm{NC} \\ 2 \mathrm{CO} \\ 2 \mathrm{NO}+2 \mathrm{NC} \\ 3 \mathrm{NO}+1 \mathrm{NC} \\ 4 \mathrm{NO}+2 \mathrm{NC} \\ 5 \mathrm{NO}+1 \mathrm{NC} \end{array}$ |
| 7S Series - Relay modules with forcibly guided contacts <br> - AC or DC coils <br> - Extended operating range (0.7...1.25) $\mathrm{U}_{\mathrm{N}}$ <br> - For safety applications, with class A forcibly guided contacts (EN 61810-3) <br> - For railway applications; materials compliant with fire and smoke characteristics (EN 45545-2:2016); mechanical and climatic characteristics compliant with EN 61373 and EN 50155 <br> - SIL 2 and SIL 3 compliant according to IEC 61508 <br> - Coil status visual indication with LED <br> - 35 mm rail (EN 60715) mount | 6 A 10 | $\begin{aligned} & 1 \mathrm{NO}+1 \mathrm{NC} \\ & 2 \mathrm{NO}+2 \mathrm{NC} \\ & 3 \mathrm{NO}+1 \mathrm{NC} \\ & 4 \mathrm{NO}+2 \mathrm{NC} \\ & 2 \mathrm{NO}+1 \mathrm{NC} \end{aligned}$ |

## (-) finder

## Power solid state relays (SSR)

|  | Features | Rated current | No. of contacts |
| :---: | :---: | :---: | :---: |
|  | 77 Series - Modular Solid State Relays (SSR) |  | 1 SSR |
| - 0 | - Input control circuit AC/DC |  |  |
|  | - Output switching control circuit, AC or DC specification: 230 V AC or 400 V AC output; 24 V DC or 125 V DC | 5 A |  |
|  | - Rated AC switching voltage: (19...305)V AC or (48...480)V AC | 7 A |  |
|  | - Rated DC switching voltage: (16...32)V DC or (85...140)V DC | 15 A |  |
| c. | - Zero-crossing and random switch-on versions | 30 A |  |
|  | - Suitable for lamp loads, high switching speed |  |  |
|  | - 17.5 and 22.5 mm housing |  |  |
|  | - DC output version |  |  |
|  | 77 Series - "Hockey puck" Solid State Relays <br> - Input AC or DC |  |  |
| 00 | - 230 V AC or 400 V AC output | 25 A |  |
| Qinnor | - Switching voltage range (21.6...280)V AC or (43.2 ...660)V AC | 40 A | 1 SSR |
| .... - .... | - Suggested applications: heater control | 50 A |  |
| $\cdots{ }^{\circ}$ | - Mounting to heatsink with screws |  |  |
|  | - Zero-crossing version |  |  |

Features*

Rated current

## Function

6 A - Voltage monitoring
8 A - Current monitoring
10 A - Thermistor control with PTC

- Colored LEDs for clear \& immediate visual indication
- NFC version
- Modular housing, 17.5, 22.5 or 35 mm wide



## 72 Series - Monitoring relays

- Sensitivity adjustable $450 \mathrm{k} \Omega$ or fixed $150 \mathrm{k} \Omega$
- Electrode and Electrode holder
- Delay time ( 0.5 s or 7 s ) or fixed ( 1 s )
- 1 contact, 35 mm wide



## 72 Series - Priority change relay

- 2 independent NO outputs, relay for alternating loads 12 A
- 4 functions
- 2 independent control signals
- Modular housing, 35 mm wide

Special relay for alternating loads; for applications with pumps, compressors, air conditioning or refrigeration units

## 72 Series - Float switches



- Suitable for emptying and filling
- $1 \mathrm{CO}, 10 \mathrm{~A} / 250 \mathrm{~V} \mathrm{AC}(\cos \varphi=1)$
- Cable length 5 m, 10 m or 20 m
- H07 RN F cable approved TÜV
- Cable and plastic ACS certified available version


## 6M Series - Power analyzer products

- For DC system and single phase AC TRMS measurements from $1 \ldots 400 \mathrm{~Hz}$
- Bidirectional energy measurement: kWh
- Instantaneous values measured:

V (RMS), A (RMS), PF, kW, kVA, kvar, Hz, THD (I), Vpk, Ipk, $\operatorname{Cos} \varphi$

- Modbus RS485 communication port
- Free software for settings via modbus

Single phase power analyzer products able to make TRMS AC and DC measurements and Gateway Modbus TCP IP to Modbus RTU (RS485 master) with on board web server

## 7E Series - kWh Energy meters



- 1-phase or 3-phase
- LC-Display or Mechanical Display
- Single or Double tariff
- Energy meters
- Output for remote energy managment: SO, M-Bus, Modbus RS485, Ethernet
- MID compliant
- $17.5,18,35,70$ or 72 mm wide


## 7M Series - kWh Energy meters "Smart"



- 1-phase or Three-phase with NFC technology
- LC-Display
- Single, double or multiple tariff
- Output for remote energy managment: SO, M-Bus, Modbus RS485, NFC
- MID compliant
- 17.5, 52.5 mm wide

Single and Three-phase energy

## 7P Series - Surge protection devices (SPD)



- Combined type $1+2$ surge arresters with high discharge capability
- Type 2 surge arresters
- Type 3 surge arresters

Surge arresters suitable for

- New restraint system for replaceable module - protection of civil application, industrial, PV and data lines
- Visual fault signalling: Healty / Replace
- Remote status signalling contact


## Features

7T Series - Panel thermostats

- Small, compact size ( 17.5 mm wide)
- Snap action themostatic Bimetal sensor
- Wide temperature setting range
- Long electrical life


## 7F Series - Filter fans

- Very low acoustic noise
- Air volume (24...700)m³/h (free flow)
- Power consumption: (4...130)W
- Operating voltage: 120 or 230 V AC ( $50 / 60 \mathrm{~Hz}$ ) or 24 V DC
- Black colour available


## 7H Series - Panel heaters

- Heating power 25-50-100 or 150 W
- Heating power 250 or 400 W fan assisted
- Nominal voltage $110 \ldots 230$ VAC/DC, 120 or 230 V AC
- PTC self-regulating heating system
- Aluminium profile encased in a plastic housing
- Clip for 35 mm rail (EN 60715) mount


## 7L Series - LED panel light

- Low power consumption
- Nominal voltage $12 . . .48$ or $110 \ldots 240 \mathrm{VAC} / D C$
- Versions with direct switching, via ON/OFF switch or via integral movement detector
- Direct magnetic mounting or through a screw-fixed metallic support
- Light colour 5000 K
- Push-in terminals for the connection to a single unit
- Plug-in terminals for the connection to a single or multiple units

7U Series - Power outlets for electrical enclosures


- Grey color RAL 7035 (7U.00-00x0)
- Yellow color RAL 1021 (7U.00-00x2)
- Available with or without voltage presence LED in socket
- Compatible with Schuko and Italian Bipasso
- Up to 16 A
- Panel or rail 35mm (EN 60715) mounting


## Function

## Heating control

Ventilation control

Filter fans for electrical cabinets

## and enclosures

Exhaust filters


- Paneral 35mm (AN 60715) mounting


## 9D Series - High Current Terminal Blocks



- Single, pole splitter: Split of main power input into 4, 6, 10 or 11 outputs
- Multiple, pole splitters: Splitting with increased number of outputs
- Grouping: Combining several inputs to make a single output (eg. solar applications)
- Reversible snap-on cover
- Ready to use Marking Kit (L1, L2, L3, N, PE, +, -) supplied with every block
- Rail 35mm (EN 60715) mounting
\(\left.$$
\begin{array}{l|l}\text { Features } & \begin{array}{c}\text { Rated } \\
\text { current }\end{array}
$$ <br>

Function\end{array}\right]\)|  |
| :--- |
| $\mathbf{7 8}$ Series - Switch mode power supplies |
| - Input nominal voltage: $110 \ldots 240 \mathrm{~V} \mathrm{AC}$ |
| - Rated power: $12,36,50,60,110,120,130,240 \mathrm{~W}$ |
| - Operating range AC/DC: $(88 \ldots 265) \mathrm{V} \mathrm{AC}$ or $(90 \ldots 275) \mathrm{V} \mathrm{DC}$ |
| - Output nominal voltage: $12,24 \mathrm{VDC}$ |
| - Class A and Class B according EN 55022 |
| - Input protection: replaceable fuse plus spare |
| - Overvoltage protection: varistor |
| - From 17.5 to 70 mm wide |
| - Thermal protection |
| - Feedback contact versions available |

## (1) finder

## Programmable Logic Relays

Features
Rated
current
Function

## 8A Series - OPTA - Programmable Logic Relays

- 8 digital or analog ( $0 \ldots 10 \mathrm{~V}$ ) inputs
- 4 relay outputs - 10 A
- USB (type C port) port for programming, data logging and powering during configuration
- RJ45 port
- Three versions available:

Lite: USB (type C port) port for programming, data logging and powering during configuration, RJ45 port
Plus: USB (type C port) port for programming, data logging and powering
8A Programmable Logic Relays
during configuration, RJ45 port and RS485 terminals
Advanced: USB (type C port) port for programming, data logging and
powering during configuration, RJ45 port, RS485 terminals and WiFi/BLE integrated module

- Programmable USER button
- RESET button
- Programming language via IDE as an option IEC-61131-3
(LD - SFC - FBD - ST - IL)
- 35 mm rail (EN 60715) mount



## Light dependent relays, time switches, electronic staircase timers, dimmers, LED recessed emergency light

|  | Features | Rated current | Function |
| :---: | :---: | :---: | :---: |
|  | 10 Series - Light dependent relay for pole or wall mounting <br> - 1 or 2 contacts, 12 A-16 A <br> - Sensitivity adjustment from 1 to 80 lux <br> - Italian Patent "light feedback compensation" innovative principle compatible with slow starting gas discharge lamps (up to 10 minutes) <br> - Electronic circuit - transformer isolated <br> - Protection category IP 54 | $\begin{aligned} & 12 \mathrm{~A} \\ & 16 \mathrm{~A} \end{aligned}$ | Relays for automatic control of lighting according to the ambient light level |
|  | 11 Series - Modular Light dependent relay <br> - AC or AC/DC supply <br> - 1 or 2 contacts, 12 A - 16 A <br> - Separate light sensor <br> - Integrated digital light dependent relay with time switch function <br> - Italian Patent "light feedback compensation" innovative principle compatible with slow starting gas discharge lamps (up to 10 minutes) <br> - Lux threshold adjustable | $\begin{aligned} & 12 \mathrm{~A} \\ & 16 \mathrm{~A} \end{aligned}$ | Switching on and off of lights depending on the ambient light sensor by external |
|  | 12 Series - Time switches <br> - Electromechanical or electronic version <br> - 1 or 2 contacts, 16 A, 17.5 or 35 mm wide <br> - Programming with smartphone with NFC communication <br> - Power reserve for data maintain <br> - Power back-up <br> - Automatic adjustment for daylight saving | 16 A | Daily time switches Weekly time switches Digital "astro" switches |
|  | 14 Series - Modular electronic staircase timers <br> - AC supply <br> - 1 NO output, 16 A <br> - Version with "Switch-off early warning" <br> - "Zero crossing" load switching <br> - Multi-functions or Mono-function <br> - Suitable for 3 or 4 wire systems <br> - Reset version for centralised switch OFF <br> - Maintenance function | 16 A | Electronic staircase timers |
|  | 15 Series - Dimmers <br> - Modular, wall box or switch box versions <br> - Maximum powers up to 500 W (LED 100 W) <br> - Master and Slave version (up to 32 Slaves per Master, with a maximum of 3200 W LED) <br> - Compatible with LED lamps <br> - Suitable for incandescent and halogen lighting loads (with or without transformer or electronic supply) <br> - Thermal protection against overload | $\begin{array}{r} 50 \mathrm{~W} \\ 100 \mathrm{~W} \\ 400 \mathrm{~W} \\ 500 \mathrm{~W} \end{array}$ | For control of lighting levels |
|  | 1L Series - LUMOS - LED recessed emergency light <br> - Activation in the event of a power failure <br> - Nominal voltage: 230 V AC $(50 / 60) \mathrm{Hz}$ <br> - Rechargeable battery <br> - Battery run time 2.5 hours <br> - Complies with CEI 64-8 <br> - Width 22.5 mm <br> - Recessed mount within switch box | - | Emergency light |

## Electronic step relays, mechanical step relays

Features | Rated |
| :---: |
| current |

Function

8 A Electronic step relays
10 A Call \& Reset relays
12 A Electromechanical monostable
16 A relays


## 20 Series - Modular step relays

- AC or DC coils
- 1 or 2 contacts NO, NC, 16 A
- Choice of 7 switching sequences

16 A Step relays

- 2,3 or 4 step switching
- Test button with mechanical indicators
- 17.4 mm wide


## 26 Series - Step relays (electrically separate coil)

- AC coils
- 1 or 2 contacts (electrically separate coil and contact circuits)
- NO, NC output, 10 A

10 A Step relays

- Panel mount or mounting within residential switch boxes
- Choice of 6 switching sequences
- 2,3 or 4 step switching


## 27 Series - Step relay

(electrically common coil and contacts)

- AC coils
- 1 or 2 contacts (electrically common coil and contact circuits)
- NO, NC output, 10 A
- Panel mount or mounting within residential switch boxes
- Choice of 3 switching sequences
- 2, 3 or 4 step switching

| Features | Rated current | Function |
| :---: | :---: | :---: |
| 22 Series - Modular monostable relays <br> - AC or DC coils <br> - Test button <br> - 1 or 2 contacts, NO, NC <br> - Output 20 A <br> - 17.5 mm wide | 20 A | Power interface |
| 22 Series - Modular contactors <br> - 2 or 4 contacts NO, NC <br> - 25 A to 63 A output <br> - AC/DC silent coil (with varistor protection) <br> - Reinforced insulation (Protective separation between coil and contacts) <br> - Mechanical and LED indicators as standard <br> - Auto-On-Off selector version available - (types 22.32, 22.34) <br> - Mirror contacts version available (types 22.44, 22.64, 22.72, 22.74) <br> - Auxiliary contact module (022.xx) <br> - 17.5, 35 or 53.5 mm wide | $\begin{aligned} & 25 \mathrm{~A} \\ & 32 \mathrm{~A} \\ & 40 \mathrm{~A} \\ & 63 \mathrm{~A} \end{aligned}$ | Power interface | Chronothermostats and Room thermostats

## 1C Series - Smart thermostat BLISS2

- Remote management via the APP (Android or iOS) thanks to the Wi-Fi Gateway2, 1Y.GU.005.1
- Touch keys
- Stunning design LED matrix display 5 A
- $3 x$ batteries, type AAA (estimated electrical life of 1.5 years)
- Timed manual operation from 1 hour to 99 hours, or permanent mode
- Contact rating 5 A 250 V AC


## 1C Series - BLISS wIFI-Chronothermostat



- Remote management via the APP (Android or iOS)
- Manual, or guided APP programming
- Touch keys
- Stunning design
- Supply 4 batteries 1.5 V AA
- Contact rating 5 A 250 V AC


## 1C Series - Digital chronothermostats

- Touch screen
- Versatile in function and temperature levels
- Ultraslim
- Supply 2 x 1.5 V AAA
- 1 change over 5 A/250 V AC


## 1T Series - BLISS T - Thermostat

- Backlit touch keys
- 2 selectable temperatures (day/night)
- Stunning design
- Supply 21.5 V AA batteries
- Contact rating 5 A 250 V AC



## 1T Series - Digital thermostats

- Supply $2 \times 1.5 \mathrm{~V}$ AAA (electronic)
- Ultraslim
- 1 change over 5 A/250 V AC

- System operating - indicator light
- 1 change over 16 A/250 V AC


## Features Y匚G|_Y



## 13 Series - Multifunction relay Bluetooth

- Versions with 1 contact CO 16 A or 2 contacts NO 6 A - 230 V AC independent and programmable channels
- 21 available functions: step relays, timing (1s - 24h), electric shutter, blind or curtain control
- 2 inputs for wired push-buttons
- Type 13.52 - Single function relay (actuator) with Bluetooth suitable for electric roller blinds and shutters



## 15 Series - Electronic dimmers Bluetooth

- 7 functions depending on the load type
- Functions with or without memory
- Dimming operating mode Trailing edge or Leading edge
- Suitable for dimmable LED lamps, dimmable CFL lamps, halogen lamps, transformers or electronic power supplies


Accessories - BEYON, Wireless Pushbuttons, GATEWAY and Range extender

- Finder's BEYON is an innovative remote control for your YESLY comfort living system
- 2-Input YESLY interface unit (2 input channels (P1 and P2)
- GATEWAY for remote control or to manage your system through voice commands using The GOOGLE Assistant or AMAZON ALEXA
- Range extender with USB input, or for installation within a wall box (ie: 060 mm )


## Features



## 15 Series - Universal Dimmer

- 2 outputs 400W 230 V AC
- Scenario Management



## 18 Series - Movement and presence detectors

- Movement and presence detectors for corridors or offices applications
- Internal ceiling mounting



## 19 Series - Switching actuator

- 6 contacts 16 A 250 V AC
- Time functions (ON, OFF, Blink, Staircase)
- Scenario Management



## 78 Series - Switch mode power supplies

- Output 30 V DC 640 mA, KNX Bus
- Diagnostic LEDs
- 72 mm wide (4 modules)


## 1 K Series - Universal interface



- Available with 2 or 4 inputs
- 8 advanced logic functions
- Compact size
- Status LED managing or LED indicating BUS status
- USB type-B connector

FINDER S.p.A. sole proprietorship
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