

# SELECTION GUIDE

## MasterIN System



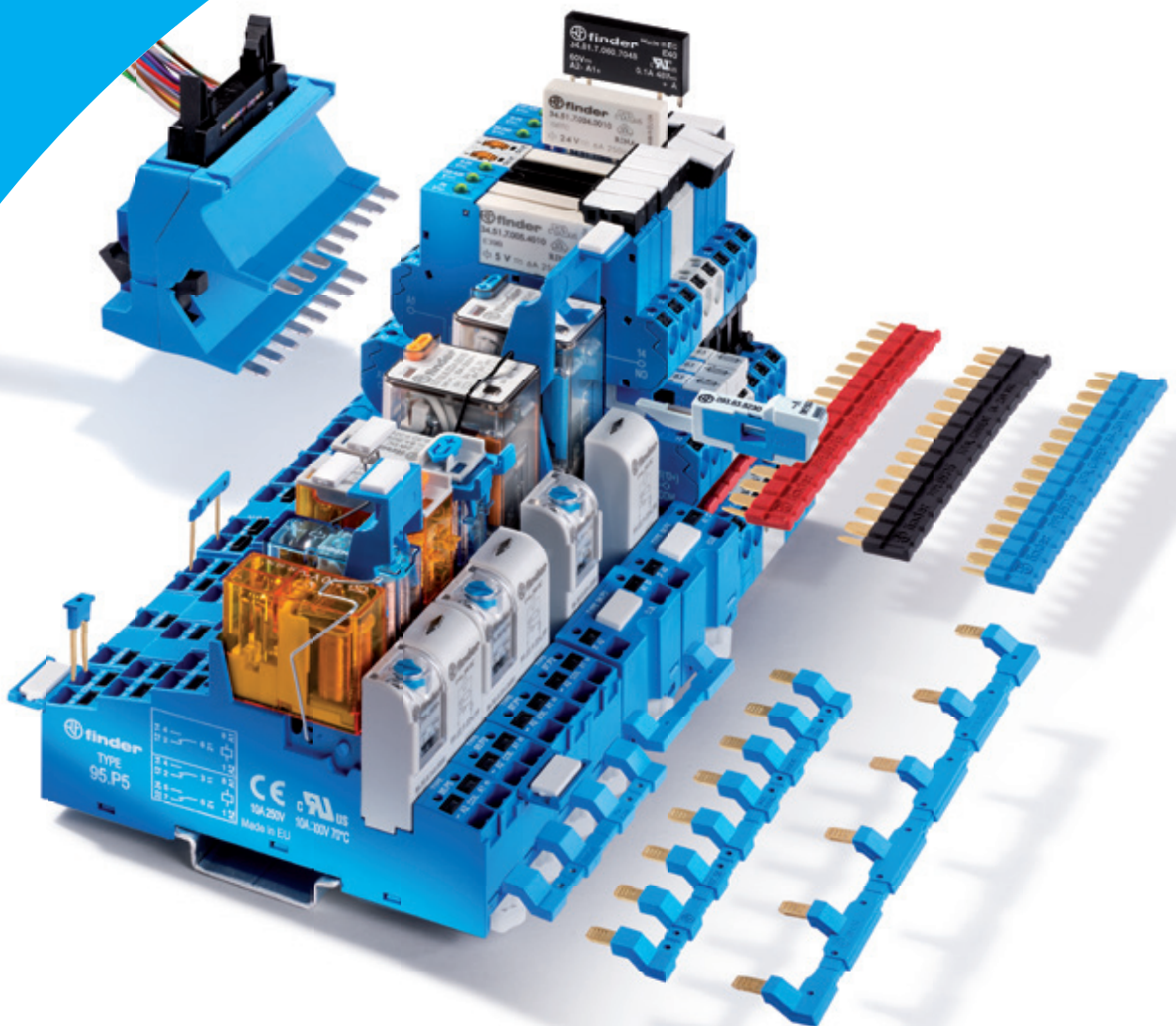
### New sockets with Push-in technology

Spring terminal for faster wiring and better clamping performance under movement and vibration.



# finder®

SWITCH TO THE FUTURE



## Finder MasterIN System with Push-in technology

Finder presents its new **MasterIN System** Relay Interface Modules with Push-in terminals. The technology represents the latest evolution of the screwless 'spring' terminals, offering faster connection. Compared to screw terminals it brings better clamping performance under movement and vibration.

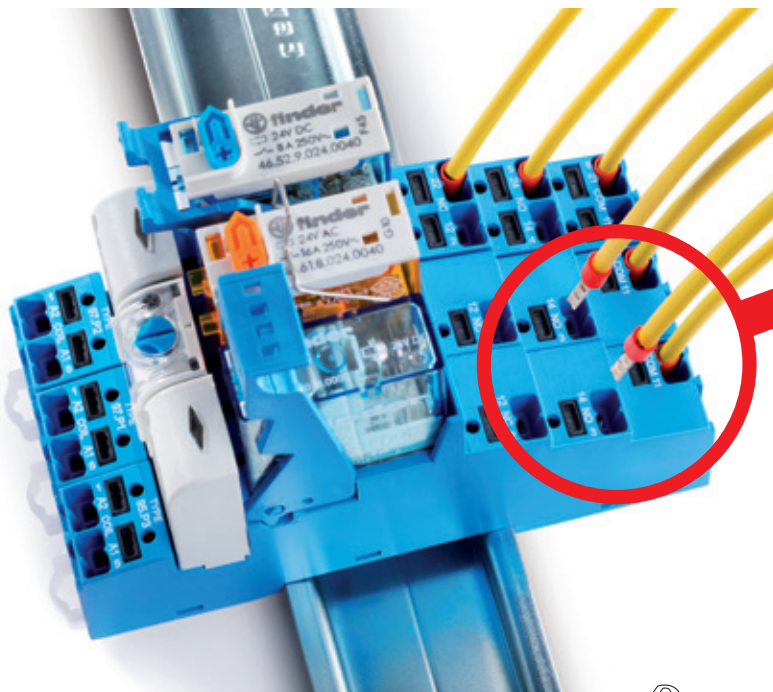
The MasterIN System incorporates the existing 39, 48, 4C and 58 Series Finder Relay Interface Modules, and caters for a wide range of applications including industrial automation and electrical panels. All new Types are identified by the letter "P" – for "Push-in" – in the product code.

The accessories for the MasterIN System are also new. Versatility, compatibility and integration were priorities for the Finder engineers in developing

the new jumper links. Examples of this are the 2-way jumper links, which can be used for making interconnection between contacts of different types of sockets; and the 6-way and 8-way jumper links for the easy connection of the A1 / A2 terminals on the coil side. The marker tag holder – for tags that can be used with CEMBRE's thermal transfer printers – has also been redesigned for improved visibility and legibility.

All Relay Interface Modules are available in either plastic retaining and release clip (SPA), or metal retaining clip (SMA) versions.

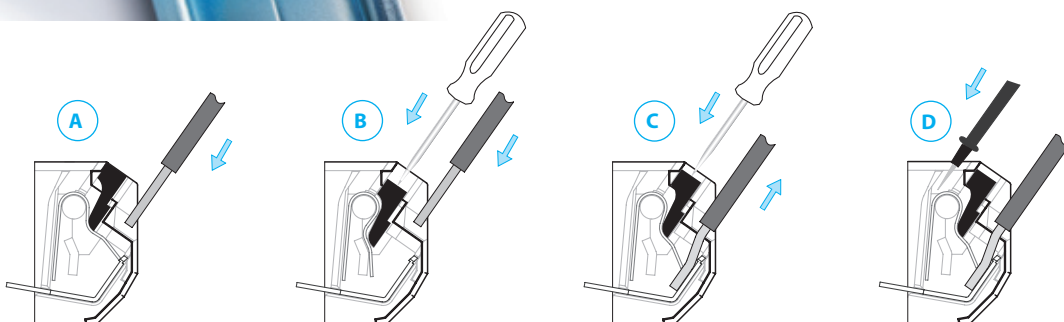
Another new feature of this range is the test probe aperture near each Push-in terminal, which allows the technician to insert a multimeter probe and make precise measurements in complete safety.



### Push-in connection technology



The push-in terminals permit the quick connection of solid wires or ferrules by their simple insertion into the terminal (A). It is possible to open the terminal to extract the wire by first pushing down on the push-button using a screwdriver (C). For stranded cable it is necessary to first open the terminal using the push button, both for the extraction (C) and insertion (B). The terminals are equipped with a test hole to take a test probe (D).







CE    SA    EAC

PG    TQ    APPROVED LR TYPE APPROVAL SCHEME

SCIENTE PAR L'ECIE    NF    RINA

UL US    DVE

Approvals (according to type)

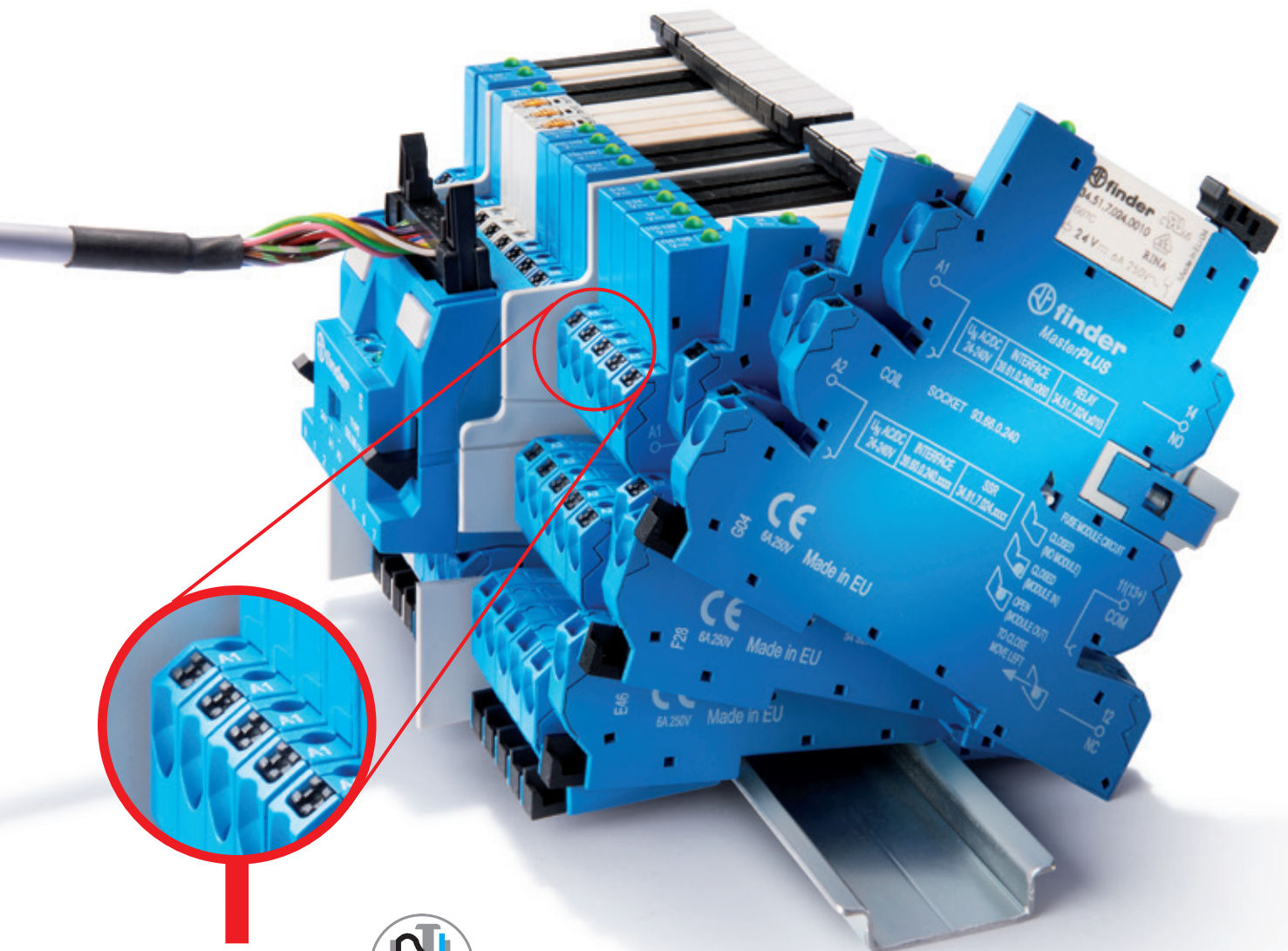


### MasterPLUS

Type 39.61 (EMR)

Type 39.60 (SSR)

- DC coils & AC coils
- Nominal voltage: from 6 to 125 V AC/DC  
24...240 V AC/DC, 230 V AC
- Nominal contact rating: 1 CO 6 A (EMR); 1 NO up to 2 A (SSR) – 250 V AC1
- Marker tags: Type 060.48 for CEMBRE's thermal transfer printers
- 35 mm rail (EN 60715) mounting



Push-in Connection



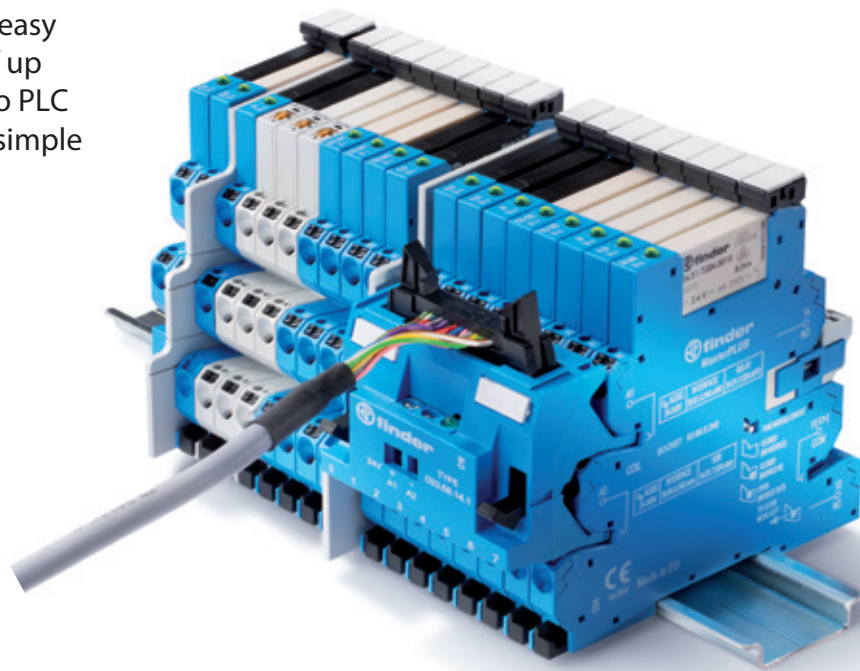
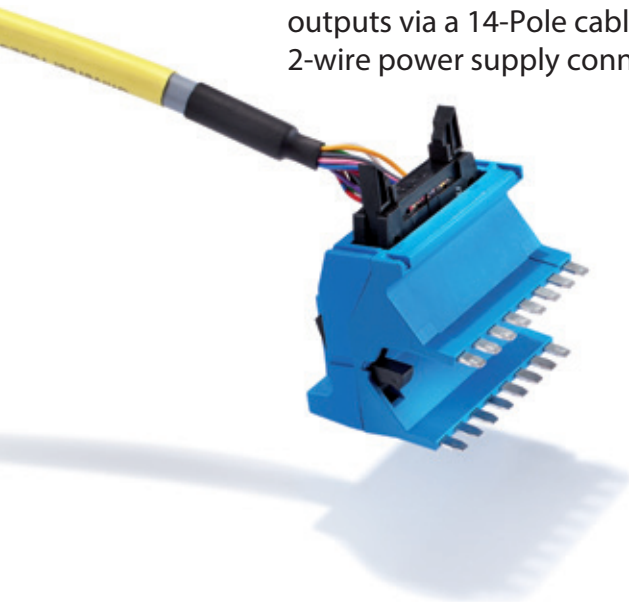




**MasterADAPTER**

**Type 093.68.14.1**

The *MasterADAPTER* permits the easy connection of A1/A2 terminals of up to 8 *MasterINTERFACE* modules to PLC outputs via a 14-Pole cable, plus simple 2-wire power supply connection.



**Output fuse module**

- For 5 x 20 mm fuses up to 6 A 250 V
- Easy visibility of the fuse condition through the window
- Quick connection to socket



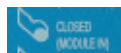
**Output fuse module with LED status indicator**

**Type 093.63.0.024**  
**Type 093.63.8.230**

**Output fuse module**

**Type 093.63**

**Multi-state fuse module**



0. As delivered, the socket comes without a fuse module. The connection is protected by a special cap.

1. With fuse module inserted, the fuse is positioned electrically in series with the common output terminal of the interface module. This state is indicated by the peg/indicator.

2. If the fuse module is extracted the output circuit will be locked open, as this will generally be the "safe option". This state is indicated by the peg/indicator.

3. In order to reinstate the output circuit it is necessary to either re-insert the fuse module, or alternatively, return the peg/indicator to position 0.





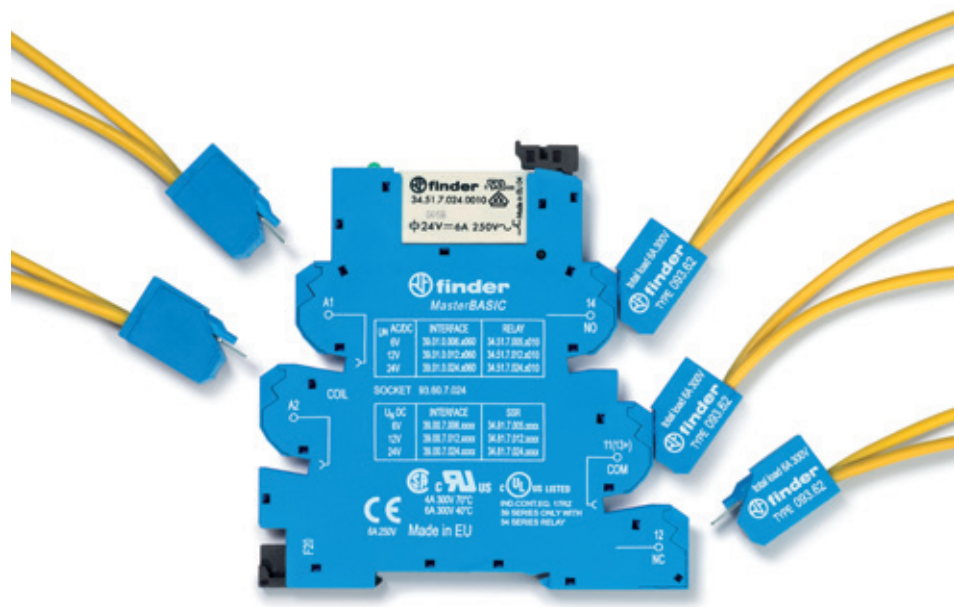
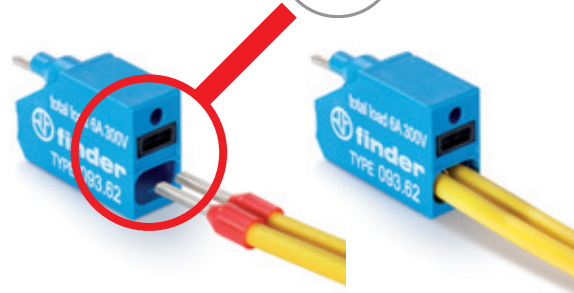
**MULTI-VOLTAGE MasterPLUS**

New multi-voltage versions of Finder's relay interface module range from 24 to 240 V AC/DC.



**Terminal Doubler  
Type 093.62**  
Fits all sockets with 39 Series Push-in technology.

**Push-in connection**





Dual-purpose plastic separator  
type 093.60 (1.8 mm or 6.2 mm separation)

By breaking off the protruding ribs (by hand), the separator becomes only 1.8 mm thick; useful for the visual separation of different groups of interfaces, or necessary for the protective separation of different voltages of neighbouring interfaces, or for the protection of cut ends of jumper links.

Leaving the ribs in place provides 6.2mm separation. Simply cutting (with scissors) the relevant segment permits the interconnection across the separator of 2 different groups of interface relays, using the standard jumper link.

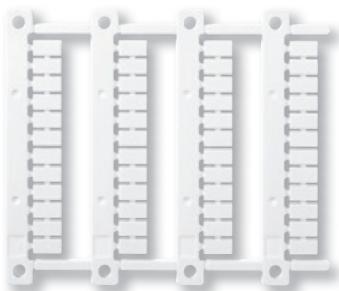
Timer adjustment via top mounted rotary knob, accessible after assembly.

1.8 mm      6.2 mm      6.2 mm

Marker tag

Type 060.48

For CEMBRE's thermal transfer printers



type 093.16.1



type 093.16.0



type 093.16

16-way jumper link

Possibility of multiple connection, side by side





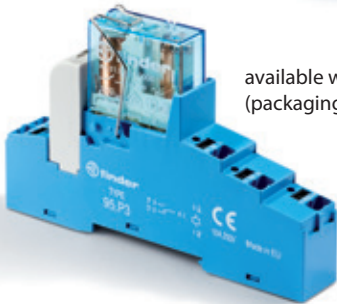
### Type 48.P3

- AC coils & DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC  
12 - 24 - 110 - 230 V AC
- Nominal contact rating: 1 CO 10 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



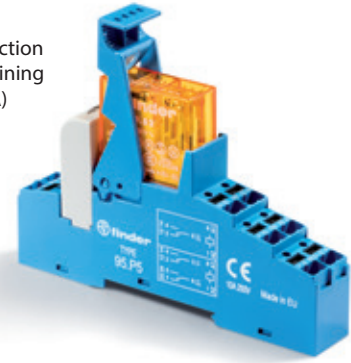
available with metal retaining clip (packaging code SMA)



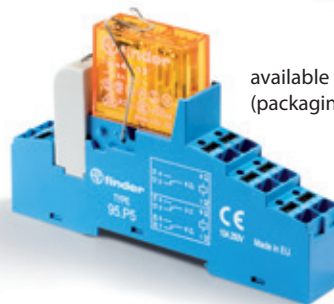
### Type 48.P5

- AC coils & DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC  
12 - 24 - 110 - 230 V AC
- Nominal contact rating: 2 CO 8 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



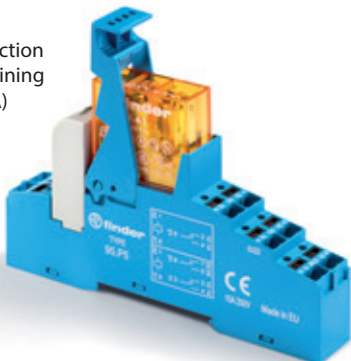
available with metal retaining clip (packaging code SMA)



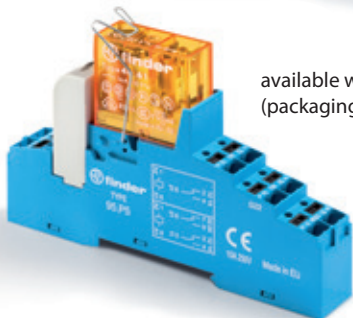
### Type 48.P6

- AC coils & DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC  
12 - 24 - 110 - 230 V AC
- Nominal contact rating: 1 CO 16 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



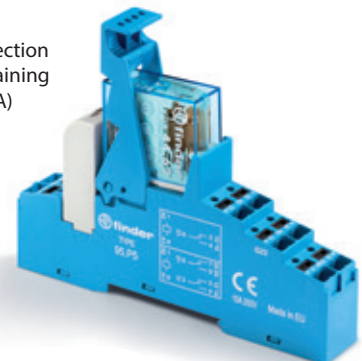
available with metal retaining clip (packaging code SMA)



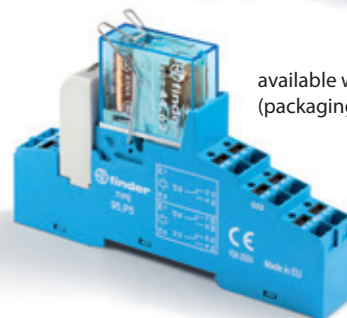
### Type 48.P8

- DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC
- Nominal contact rating: 2 CO 10 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



available with metal retaining clip (packaging code SMA)







### Type 4C.P1

- AC coils & DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC  
12 - 24 - 110 - 230 V AC
- Nominal contact rating: 1 CO 10 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



available with metal retaining clip (packaging code SMA)



### Type 4C.P2

- AC coils & DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC  
12 - 24 - 110 - 230 V AC
- Nominal contact rating: 2 CO 8 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



available with metal retaining clip (packaging code SMA)

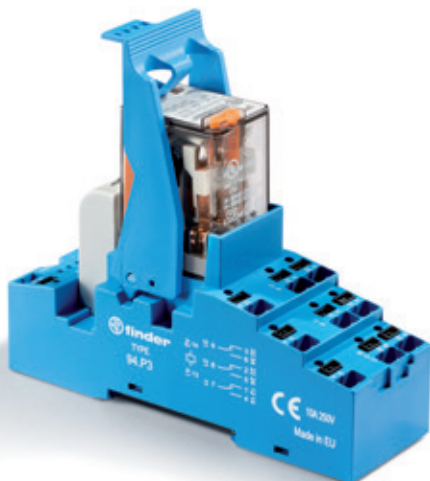




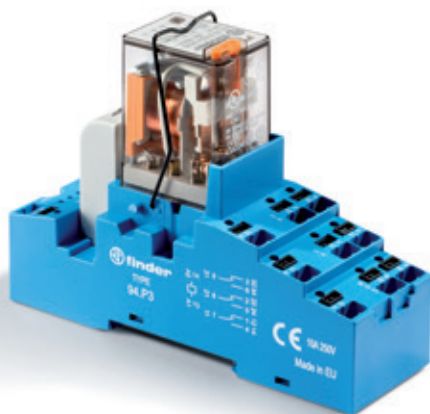
### Type 58.P3

- AC coils & DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC  
12 - 24 - 110 - 230 V AC
- Nominal contact rating: 3 CO 10 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



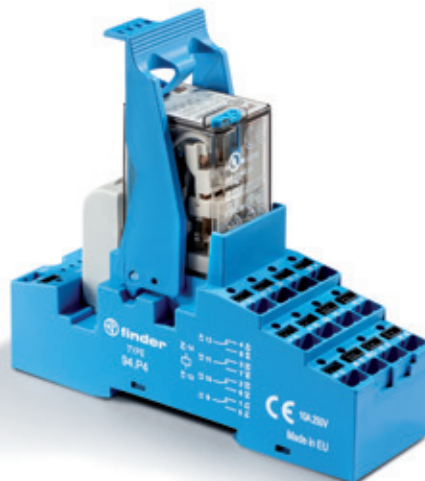
available with metal retaining clip (packaging code SMA)



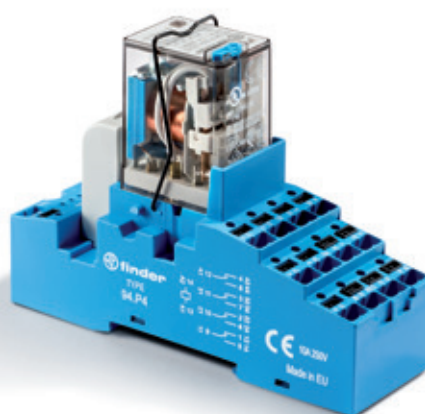
### Type 58.P4

- AC coils & DC coils
- Nominal voltage: 12 - 24 - 110 - 125 V DC  
12 - 24 - 110 - 230 V AC
- Nominal contact rating: 4 CO 7 A 250 V AC1
- Supply status indication and EMC coil suppression module
- 35 mm rail mounting (EN 60715)

available with instant ejection of relay using plastic retaining clip (packaging code SPA)



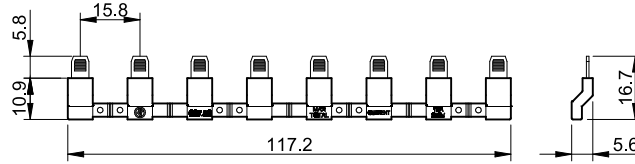
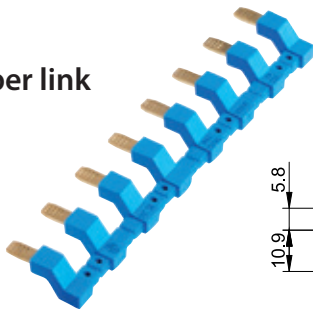
available with metal retaining clip (packaging code SMA)





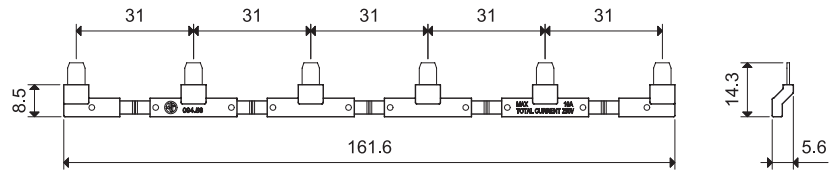
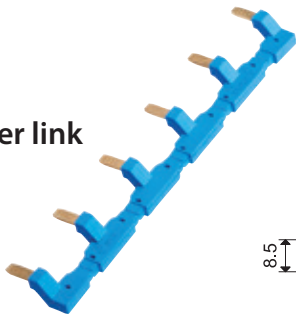
**8-way jumper link**

Type 097.58



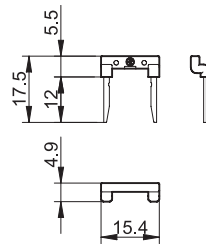
**6-way jumper link**

Type 094.56



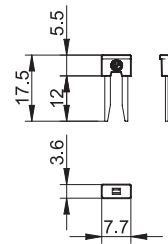
**2-way jumper link**

Type 097.52



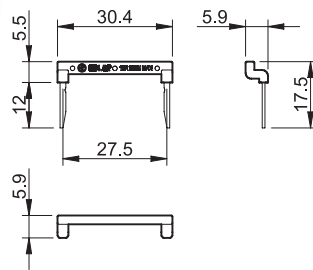
**2-way jumper link**

Type 097.42



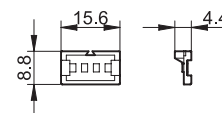
**2-way jumper link**

Type 094.52.1



**Marker tag holder**

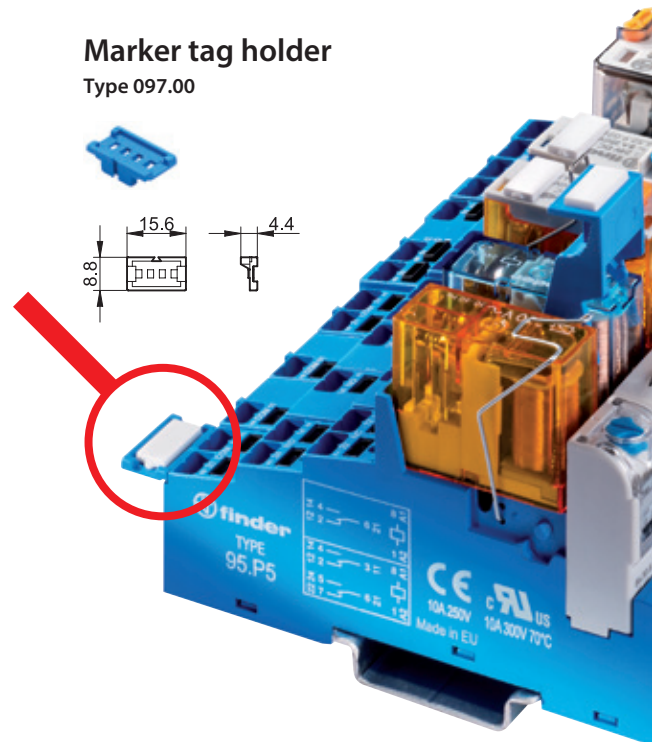
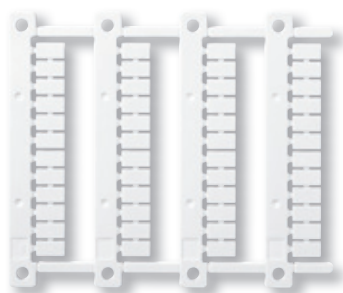
Type 097.00



**Marker tag**

Type 060.48

For CEMBRE's thermal transfer printers



**FINDER SpA**  
Via Drubiaglio 14  
I-10040 ALMESE (TO)  
Tel. +39 011 9346 211  
Fax +39 011 9359 079  
export@findernet.com



**FINDER FRANCE Sarl**

Avenue d'Italie  
ZI du Pré de la Garde  
F - 73300 ST. JEAN DE MAURIENNE  
Tel.+33/479/83 27 27  
Fax +33/479/59 80 04  
finder.fr@findernet.fr

**S.P.R.L. FINDER BELGIUM B.V.B.A.**

Bloemendael, 5  
B - 1547 BEVER  
Tel. +32/54/30 08 68  
Fax +32/54/ 30 08 67  
finder.be@findernet.com

**FINDER P.L.C.**

Opal Way - Stone Business Park  
STONE, STAFFORDSHIRE  
ST15 OSS - UK  
Tel: +44 (0)1785 818100  
Fax: +44 (0)1785 815500  
finder.uk@findernet.com

**FINDER AB**

Sångelekgatan 6c  
SE - 215 79 Malmö  
Tel: +46 (0) 40 93 77 77  
Fax:+46 (0) 40 93 78 78  
finder.se@findernet.com

**FINDER ApS**

Bøstrupvej 11  
DK-8870 Langå  
Tel. +45 69 15 02 10  
Fax +45 69 15 02 11  
finder.dk@findernet.com

**FINDER ELECTRICA S.L.U.**

C/ Severo Ochoa, 6  
Pol. Ind. Cap de L'Horta  
E - 46185 La Pobla de Vallbona (VALENCIA)  
Dirección Postal Aptdo 234  
Tel. +34-96 272 52 62  
Fax +34-96 275 02 50  
finder.es@findernet.com

**FINDER PORTUGAL LDA**

Travessa Campo da Telheira, n. 56  
Vila Nova da Telha,  
P - 4470-828 - MAIA  
Tel. +351 22 99 42 900 -1-6-7-8  
Fax +351 22 99 42 902  
finder.pt@findernet.com

**FINDER ECHIPAMENTE srl**

Str. Clujului nr. 75 F,  
401180 Turda  
Jud. CLUJ - ROMANIA  
Tel. +40 264 403 888  
Fax +40 264 403 889  
finder.ro@finder.ro

**FINDER COMPONENTES LTDA.**

Rua Olavo Bilac, 326  
Bairro Santo Antônio  
São Caetano Do Sul - São Paulo  
CEP 09530 - 260 - BRASIL  
Tel. +55 11 4223 1550  
Tel. +55 11 2147 1550  
Fax +55 11 4223 1590  
finder.br@findernet.com

**FINDER ARGENTINA**

Calle Martín Lezica 3079  
San Isidro - Buenos Aires  
CP B1642GJA - ARGENTINA  
Tel +54/11/5648.6576  
Fax +54/11/5648.6577  
finder.ar@findernet.com

**FINDER Polska Sp. z o.o.**

ul. Malwowa 126  
PL - 60-175 Poznań  
Tel. +48 61 865 94 07  
Fax +48 61 865 94 26  
finder.pl@findernet.com

**FINDER GmbH**

Hans-Böckler-Straße 44  
D - 65468 Trebur-Astheim  
Tel. +49 6147 2033-0  
Fax +49 6147 2033-377  
info@finder.de

**FINDER RELAIS - NEDERLAND B.V.**

Dukdalfweg 51  
NL - 1041 BC Amsterdam  
Tel. +31/20/615 65 57  
Fax +31/20/617 89 92  
finder.nl@findernet.com

**FINDER RELAIS VERTRIEBS GmbH**

IZ NÖ-Süd, Str. 2a, Obj. M 40  
A - 2351 Wiener Neudorf  
Tel. +43/2236/86 41 36 - 0  
Fax +43/2236/86 41 36 - 36  
finder.at@findernet.com

**FINDER CZ, s.r.o.**

Radiová 1567/2b  
CZ - 102 00 PRAHA 10  
Tel. +420 286 889 504  
Fax +420 286 889 505  
finder.cz@findernet.com

**FINDER - Hungary Kereskedelmi Kft.**

Kiss Ernő u. 1-3  
HU - 1046 BUDAPEST  
Tel. +36/1-369-30-54  
Fax +36/1-369-34-54  
finder.hu@findernet.com

**FINDER (Schweiz) AG**

Industriestrasse 1a Postfach 23  
ch - 8157 DIELSDORF (ZH)  
Tel. +41 44 885 30 10  
Fax +41 44 885 30 20  
finder.ch@finder-relais.ch

**FINDER RELAYS, INC.**

4191 Capital View Drive  
Suwanee, GA 30024 - U.S.A.  
Tel. +1/770/271-4431  
Fax +1/770/271-7530  
finder.us@findernet.com

**RELEVADORES FINDER, S.A. de C.V**

Carretera a San Bernardino Chalchihuapan #43  
San Pablo Ahuatempan, Santa Isabel Cholula, Puebla.  
C.P. 74350 - MÉXICO.  
Tel. +52/222/2832392, 2832393, 2832394  
Fax. +52/222/7628471  
finder.mx@findernet.com

**FINDER OOO**

Electrozavodskaya street 24-1  
107023 MOSCOW  
RUSSIAN FEDERATION  
Tel. +7/495/229 4929  
Fax +7/495/229 4942  
finder.ru@findernet.com

**FINDER ASIA Ltd.**

Room 901 - 903, 9F, Premier  
Center20 Cheung Shun Street  
Cheung Sha Wan, Kowloon  
Hong Kong  
Tel. +852 3188 0212  
Fax +852 3188 0263  
finder.hk@findernet.com

**FINDER INDIA PVT. LTD.**

Unit No.912 - R.G. Trade Tower,  
Netaji Subhash Place,  
Wazirpur District Centre,  
Pitampura - Delhi - 110034 - INDIA  
Tel. +91-11-47564343  
Fax +91-11-47564344  
finder.in@findernet.com

FINDER reserves the right to alter characteristics at any time without notice. FINDER assumes no liability for damage to persons or property caused as a result of the incorrect use or application of its products.

ZDPENXFFX - September 2016 - PRODUCT SELECTION - MasterIN System - Online updates

