

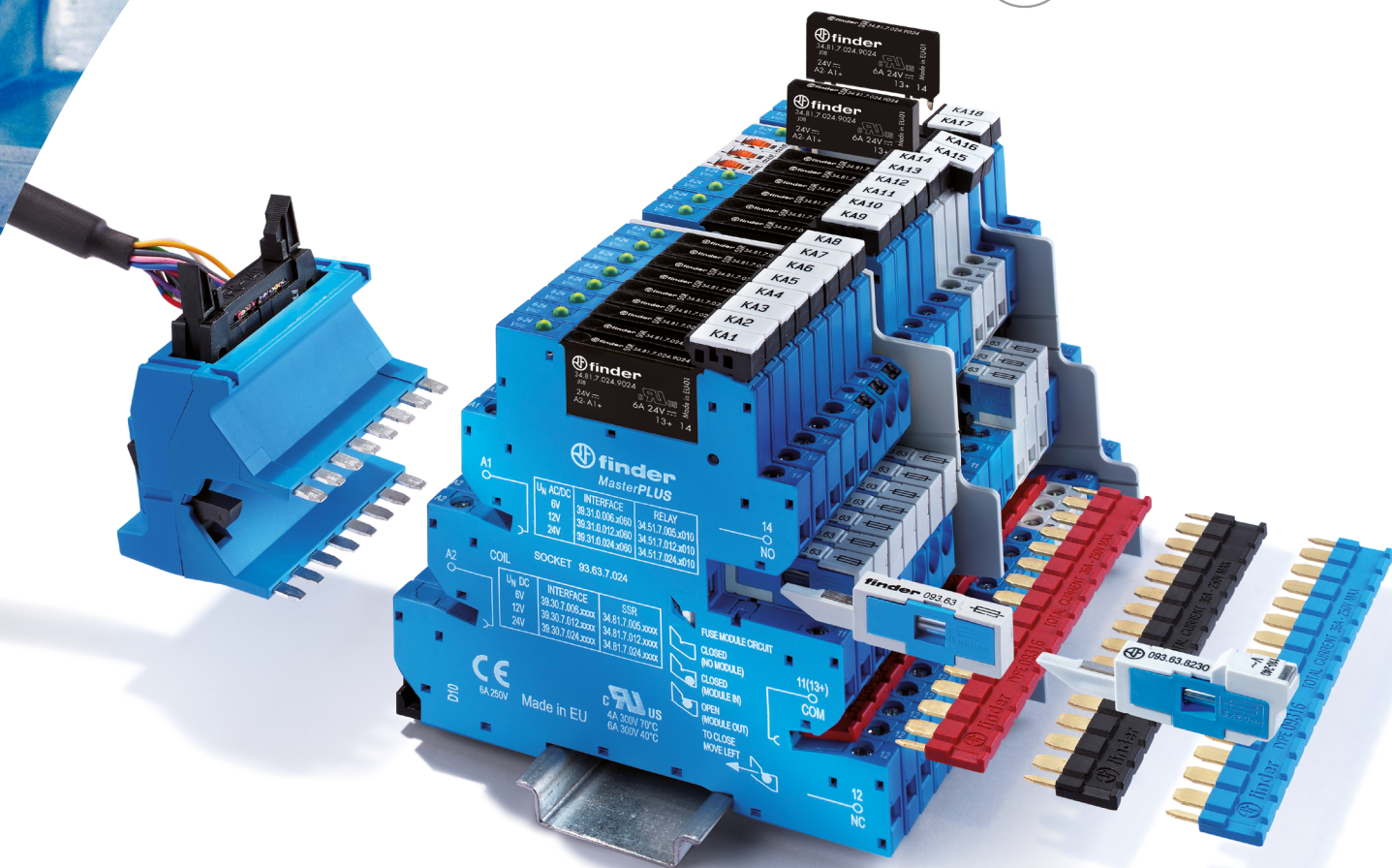
39 Series



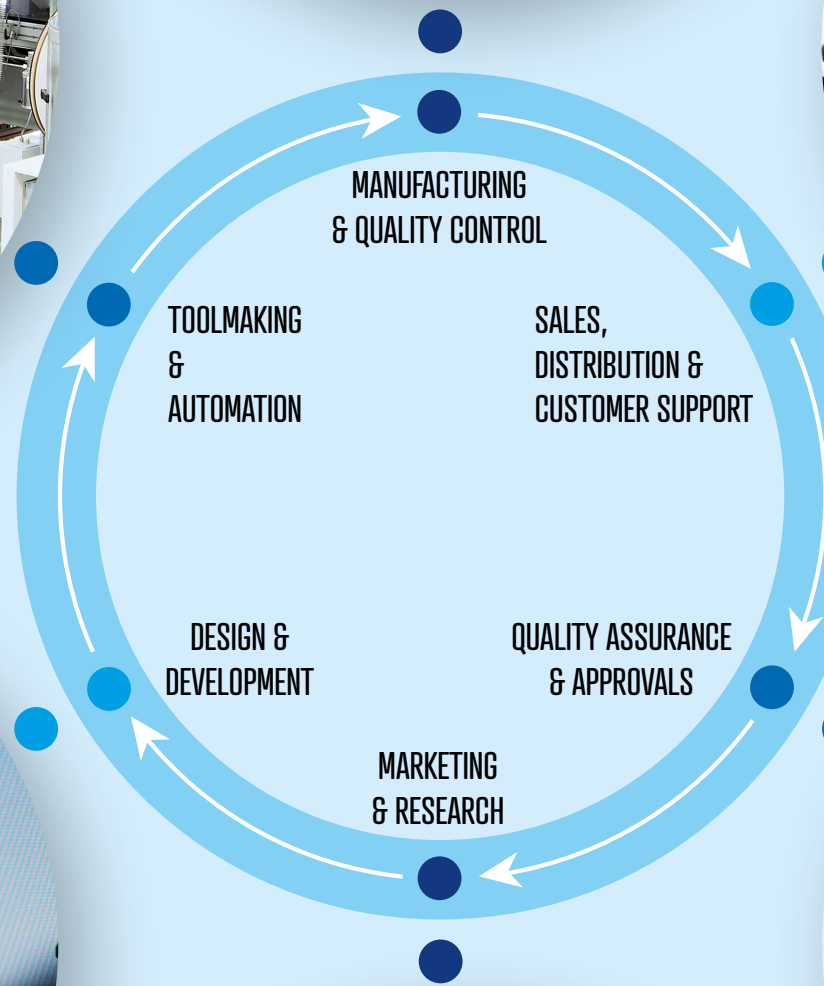
finder[®]

SWITCH TO THE FUTURE

Modular Interface with Push-in technology



Since 1954 Our passion





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

Finder produces relays, timers and a wide range of electromechanical and electronic products for industrial, residential and commercial applications. Quality, innovation, continuous research and state-of-the-art manufacturing. These are the engines driving Finder's global success. Thanks to an international sales network of 22 subsidiaries and more than 80 exclusive distributors worldwide, Finder exports its products all over the world.



MasterIN System

Relay interface module

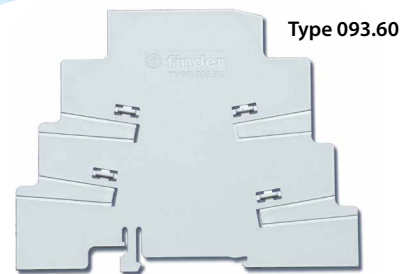
Ultra-thin, simple and versatile

The 39 Series with a width of just 6.2 mm is the space-saving solution offering the greatest number of permutations of sockets and accessories.

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.



Type 093.60

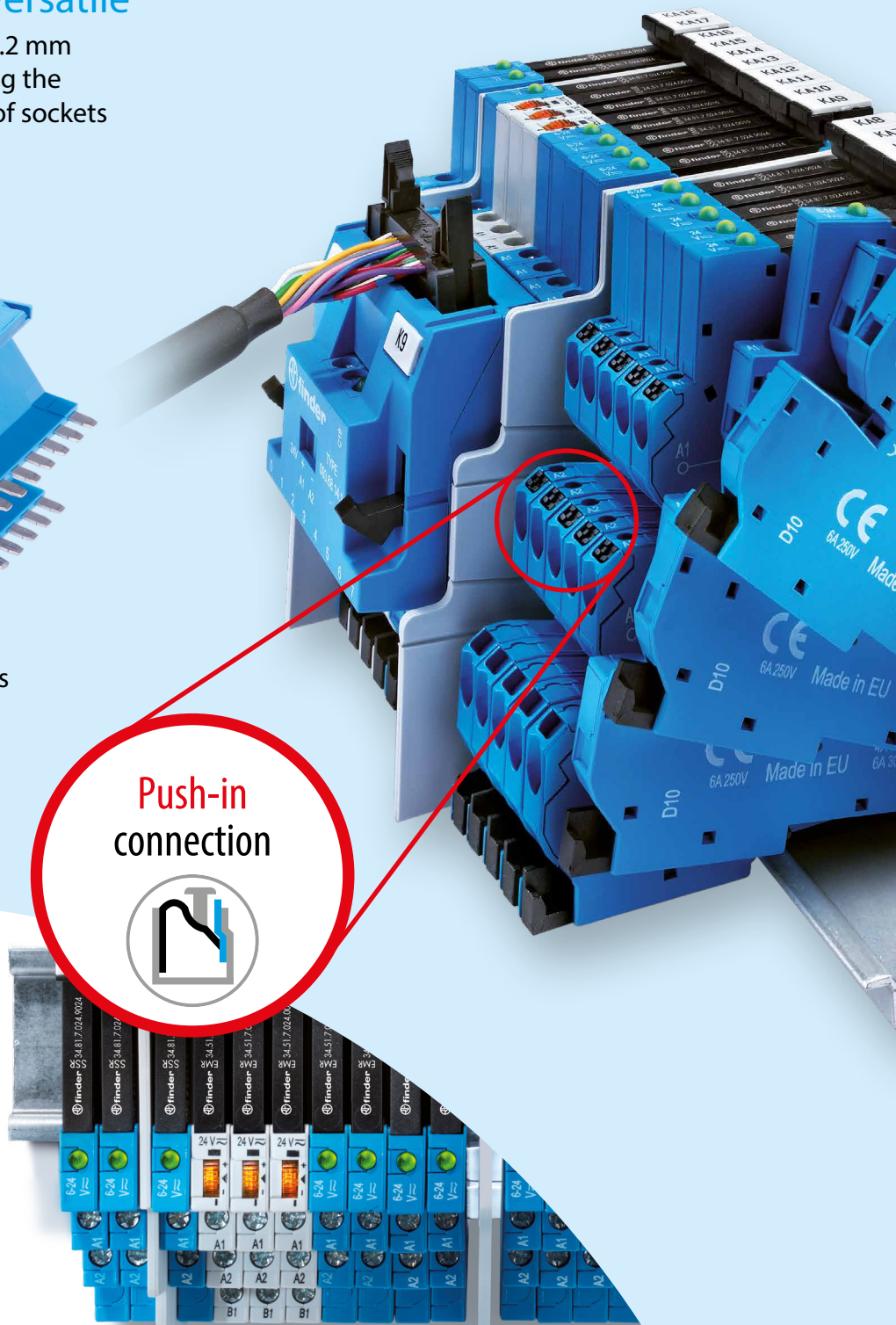
Dual-purpose plastic separator 1.8 mm or 6.2 mm separation

By breaking off the protruding ribs (by hand), the separator becomes only 1.8 mm thick; leaving the ribs in place provides 6.2mm separation. 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. Permits the interconnection across the separator of 2 different groups of interface relays, using the standard jumper link.

1.8 mm

6.2 mm

Push-in
connection



39 Series

MasterPlus

Type 39.61 (EMR)

Type 39.60 (SSR)

- DC coils & AC coil
- Nominal voltage from 6 to 125 V AC/DC; 230 V AC
- Also available in multivoltage versions covering 24 to 240 V AC/DC
- Nominal contact rating:
 - 1 CO 6 A (EMR)
 - 1 NO up to 6 A (SSR) – 250 V AC1
- 35 mm rail (EN 60715) mounting

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



Type 093.63



Output fuse module with LED status indicator

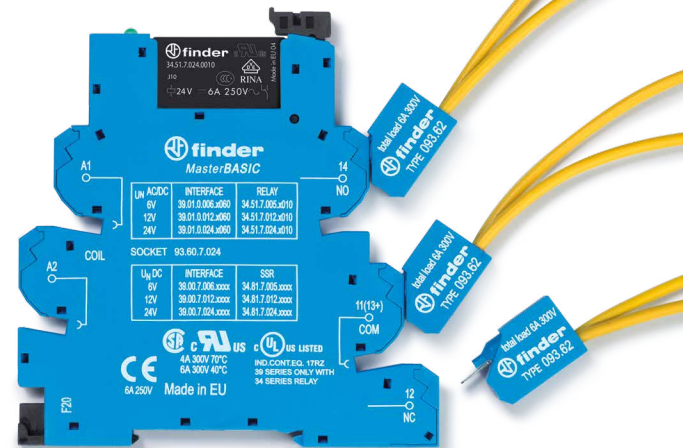
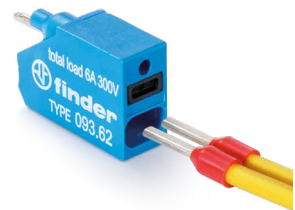
Type 093.63.0.024

Type 093.63.8.230

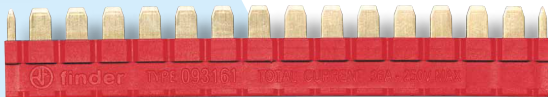
Terminal Doubler

Type 093.62

Fits all sockets with 39 Series Push-in technology.



16-way jumper link



Type 093.16.1



Type 093.16.0

Possibility to serially "chain" jumper links



Type 093.16



Electromechanical Relay (EMR) 1 Pole 6 A - 250 V AC

6 V AC/DC
12 V AC/DC
24 V AC/DC
60 V AC/DC
(110...125)V AC/DC
(24...240)V AC/DC
(230...240)V AC
(110...125)V DC
220 V DC
(110...125)V AC (leakage current suppression)
(230...240)V AC (leakage current suppression)



Solid State Relay (SSR) 1 output 6 A 24 V DC 2 A 240 V AC 0.1 A 48 V DC

6 V DC
12 V DC
24 V DC
60 V DC
(110...125)V DC
220 V DC
24 V AC/DC
12 V AC/DC
(110...125)V AC/DC
(24...240)V AC/DC
(230...240)V AC
(110...125)V AC (leakage current suppression)
(230...240)V AC (leakage current suppression)

xxxx: 9024 - 8 A 24 V DC
 7048 - 0.1 A 48 V DC
 8240 - 2 A 240 V AC


39.11

Screw terminal

39.01

Push-in terminal

39.10

Screw terminal

39.00

Push-in terminal

This special version provides extra protection for the output circuit thanks to the replaceable fuse module.



Electromechanical Relay (EMR) 1 Pole 6 A - 250 V AC

	39.31 - 39.31.3	39.61 - 39.61.3
6 V AC/DC	39.31.0.006.0060	39.61.0.006.0060
12 V AC/DC	39.31.0.012.0060	39.61.0.012.0060
24 V AC/DC	39.31.0.024.0060	39.61.0.024.0060
60 V AC/DC	39.31.0.060.0060	39.61.0.060.0060
(110...125)V AC/DC	39.31.0.125.0060	39.61.0.125.0060
(24...240)V AC/DC	39.31.0.240.0060	39.61.0.240.0060
(230...240)V AC	39.31.8.230.0060	39.61.8.230.0060
(110...125)V DC	39.31.7.125.0060	39.61.7.125.0060
220 V DC	39.31.7.220.0060	39.61.7.220.0060
(110...125)V AC (leakage current suppression)	39.31.3.125.0060	39.61.3.125.0060
(230...240)V AC (leakage current suppression)	39.31.3.230.0060	39.61.3.230.0060



Solid State Relay (SSR) 1 output 6 A 24 V DC 2 A 240 V AC 0.1 A 48 V DC

	39.30 - 39.30.3	39.60 - 39.60.3
6 V DC	39.30.7.006.xxxx	39.60.7.006.xxxx
12 V DC	39.30.7.012.xxxx	39.60.7.012.xxxx
24 V DC	39.30.7.024.xxxx	39.60.7.024.xxxx
60 V DC	39.30.7.060.xxxx	39.60.7.060.xxxx
(110...125)V DC	39.30.7.125.xxxx	39.60.7.125.xxxx
220 V DC	39.30.7.220.xxxx	39.60.7.220.xxxx
24 V AC/DC	39.30.0.024.xxxx	39.60.0.024.xxxx
12 V AC/DC		
(110...125)V AC/DC	39.30.0.125.xxxx	39.60.0.125.xxxx
(24...240)V AC/DC	39.30.0.240.xxxx	39.60.0.240.xxxx
(230...240)V AC	39.30.8.230.xxxx	39.60.8.230.xxxx
(110...125)V AC (leakage current suppression)	39.30.3.125.xxxx	39.60.3.125.xxxx
(230...240)V AC (leakage current suppression)	39.30.3.230.xxxx	39.60.3.230.xxxx

xxxx: 9024 - 6 A 24 V DC
 7048 - 0.1 A 48 V DC
 8240 - 2 A 240 V AC

These models allow the full termination of input or output device to the interface without the need for additional terminals - saving component cost, time and panel space. Quick and easy distribution of supply voltage through the jumper link on the Bus-Bar (BB) connection.

Ideal for interface applications between PLC's or Controllers and output devices such as electromagnetic valves or motors etc...



Electromechanical Relay (EMR) 1 Pole 6 A - 250 V AC

6 V AC/DC
12 V AC/DC
24 V AC/DC
60 V AC/DC
(110...125)V AC/DC
(24...240)V AC/DC
(230...240)V AC
(110...125)V DC
220 V DC
(110...125)V AC (leakage current suppression)
(230...240)V AC (leakage current suppression)



Solid State Relay (SSR) 1 output 6 A 24 V DC 2 A 240 V AC 0.1 A 48 V DC

6 V DC
12 V DC
24 V DC
60 V DC
(110...125)V DC
220 V DC
24 V AC/DC
12 V AC/DC
(110...125)V AC/DC
(24...240)V AC/DC
(230...240)V AC
(110...125)V AC (leakage current suppression)
(230...240)V AC (leakage current suppression)

xxxx: 9024 - 6 A 24 V DC
 7048 - 0.1 A 48 V DC
 8240 - 2 A 240 V AC

39.21



Screw terminal

39.21.0.006.0060
 39.21.0.012.0060
 39.21.0.024.0060

39.51



Push-in terminal

39.51.0.006.0060
 39.51.0.012.0060
 39.51.0.024.0060

39.20



Screw terminal

39.20.7.006.xxxx
 39.20.7.012.xxxx
 39.20.7.024.xxxx

39.50



Push-in terminal

39.50.7.006.xxxx
 39.50.7.012.xxxx
 39.50.7.024.xxxx

39.20.0.125.xxxx
 39.20.8.230.xxxx

39.50.0.125.xxxx
 39.50.8.230.xxxx

39 Series - MasterTIMER

Accepts output fuse module

Slim and Multifunction Timed Interface modules.
 This special version also provides extra protection for the output circuit thanks to the replaceable fuse module.



Electromechanical Relay (EMR)
1 Pole 6 A - 250 V AC

6 V AC/DC
12 V AC/DC
24 V AC/DC
60 V AC/DC
(110...125)V AC/DC
(24...240)V AC/DC
(230...240)V AC
(110...125)V DC
220 V DC
(110...125)V AC (leakage current suppression)
(230...240)V AC (leakage current suppression)



Solid State Relay (SSR)
1 output **6 A 24 V DC**
 2 A 240 V AC
 0.1 A 48 V DC

6 V DC
12 V DC
24 V DC
60 V DC
(110...125)V DC
220 V DC
24 V AC/DC
12 V AC/DC
(110...125)V AC/DC
(24...240)V AC/DC
(230...240)V AC
(110...125)V AC (leakage current suppression)
(230...240)V AC (leakage current suppression)

xxxx: 9024 - 6 A 24 V DC
 7048 - 0.1 A 48 V DC
 8240 - 2 A 240 V AC



39.81



Screw terminal

39.81.0.012.0060
39.81.0.024.0060



39.91



Push-in terminal

39.91.0.012.0060
39.91.0.024.0060



39.80



Screw terminal

39.80.0.012.xxxx
39.80.0.024.xxxx



39.90



Push-in terminal

39.90.0.012.xxxx
39.90.0.024.xxxx

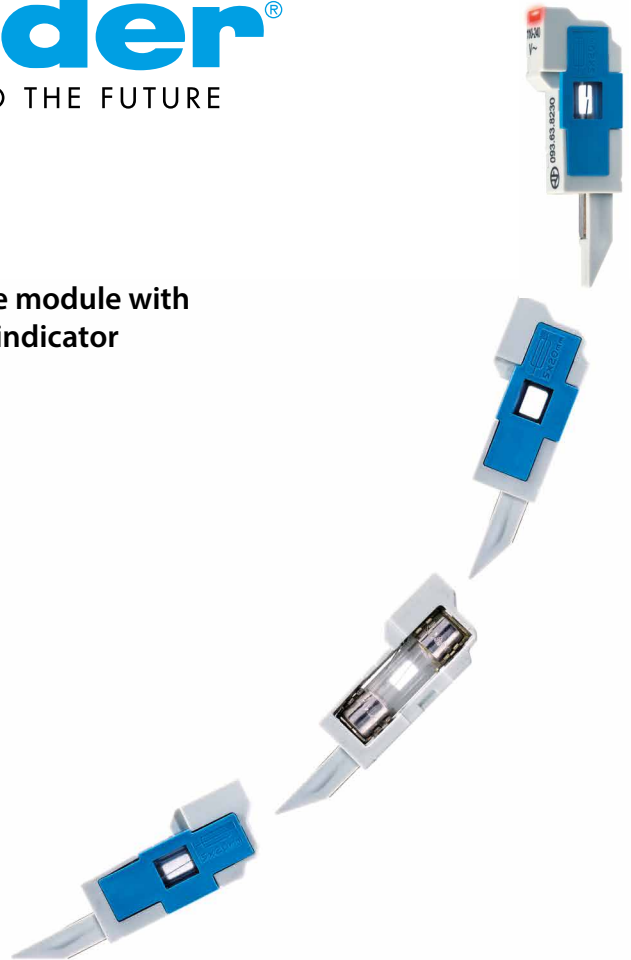
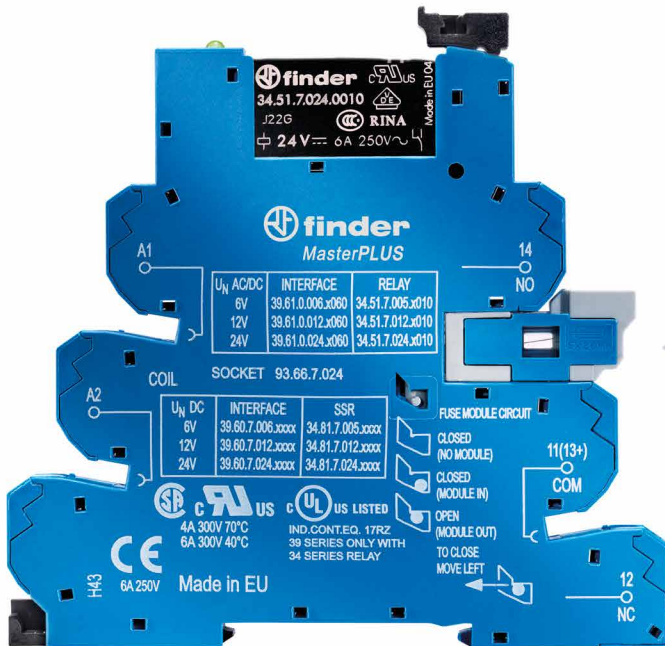


finder®

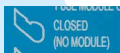
SWITCH TO THE FUTURE



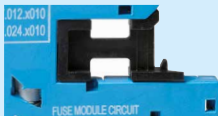
Output fuse module with LED status indicator



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.



Finder in the world



Discover the worldwide network at findernet.com



FINDER RELAYS, INC 4191 Capital View Drive, Suwanee, GA 30024 U.S.A. Tel.: (770) 271-4431 Fax (770) 271-7530 sales@finder-us.com

finder-us.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.

July 2019 - 39 series - Online updates