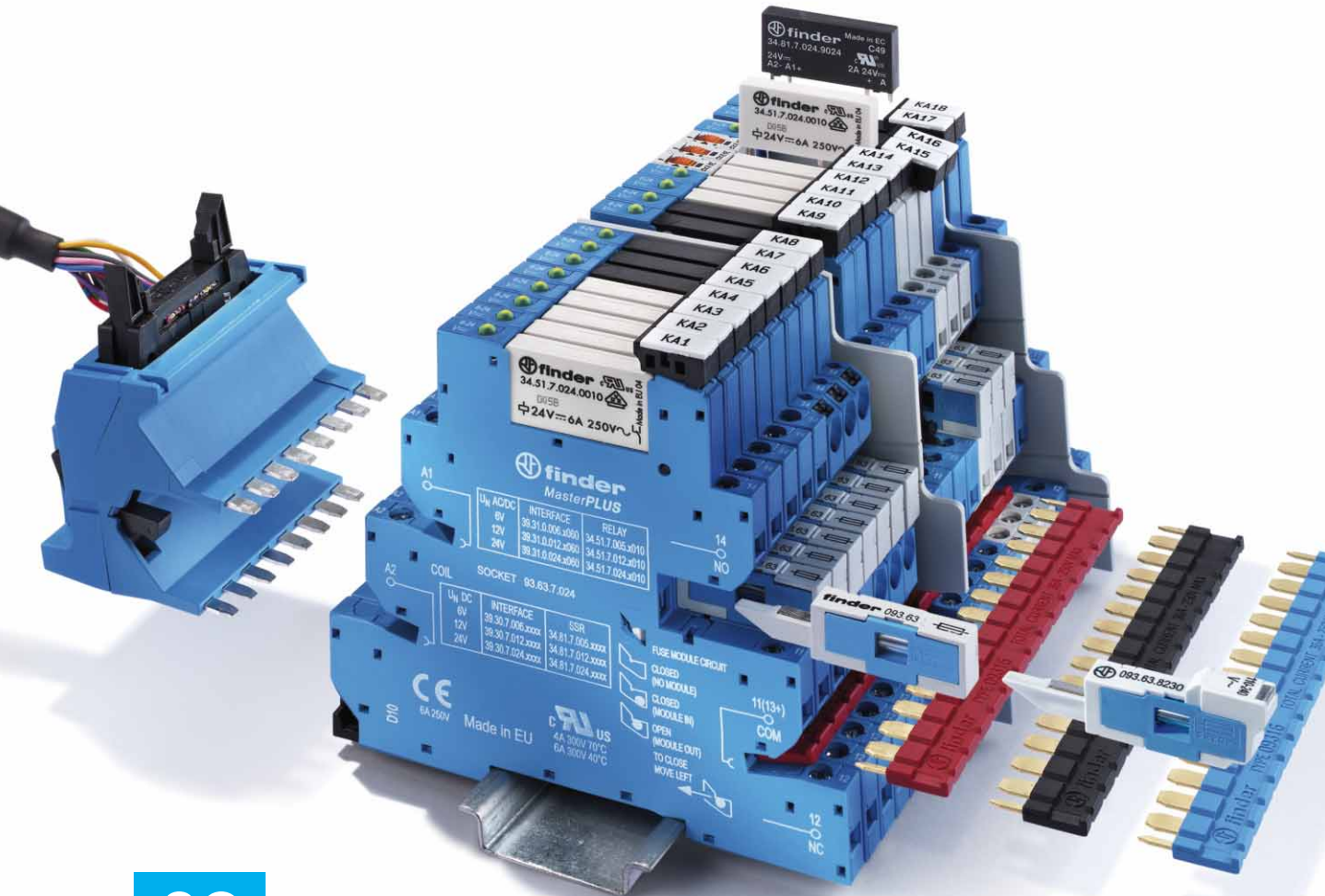
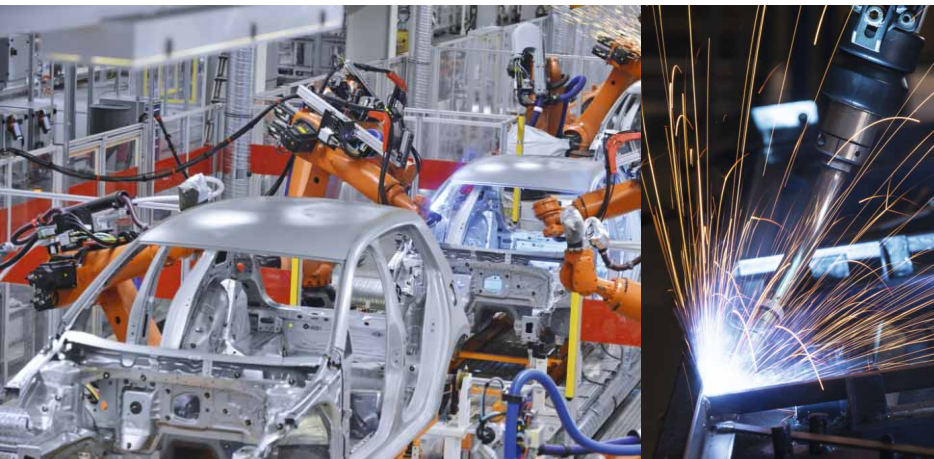


MasterINTERFACE Relay interface modules



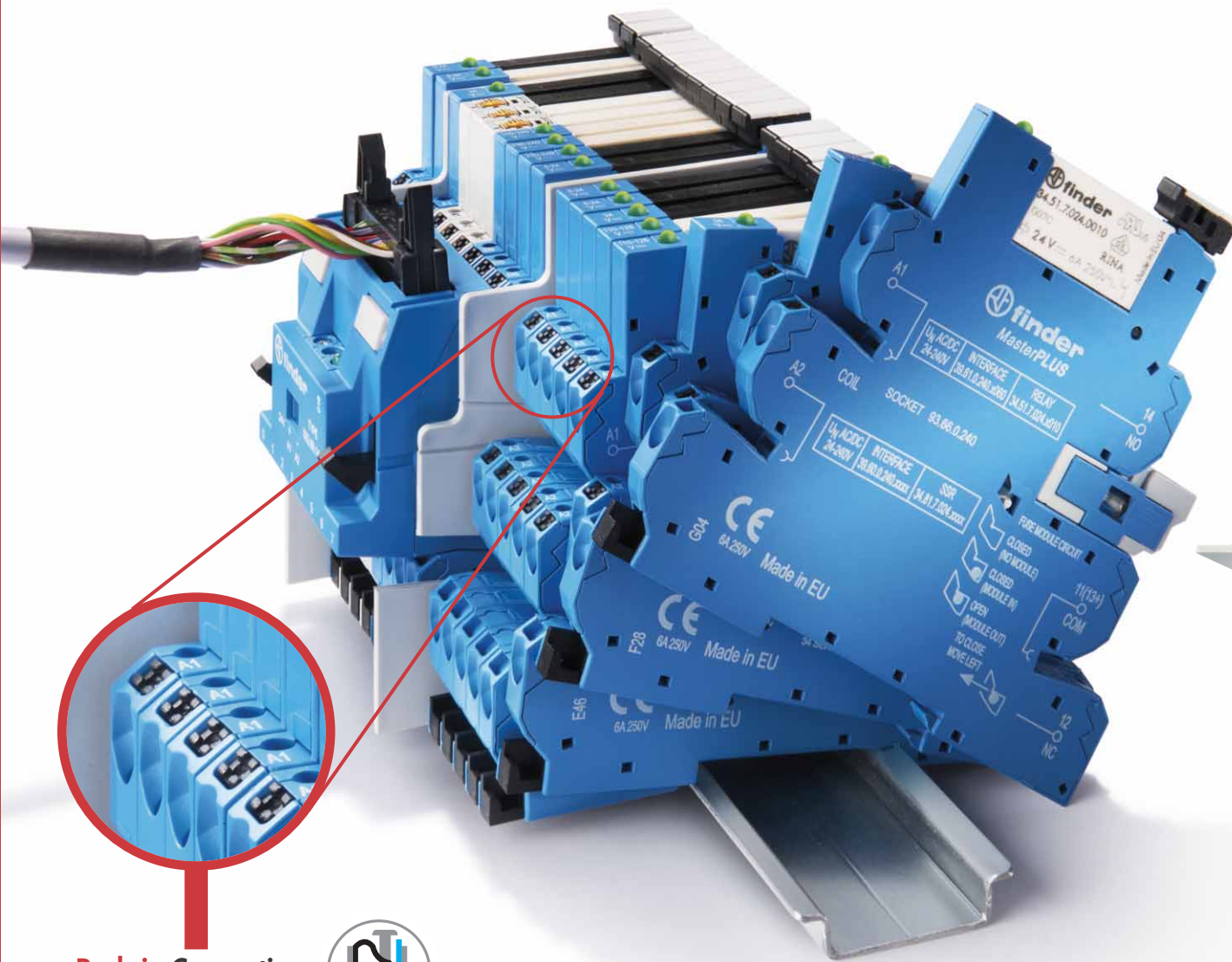
39
Series



Save time and space
with Finder's ultra slim,
simple and versatile
relay interface modules.

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
- Marking tags: Type 060.48 for thermal transfer printers
Type 060.72 for plotter printing
- 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
Type 093.63



Output fuse module with LED status indicator
Type 093.63.0.024
Type 093.63.8.230

Multi-state fuse module



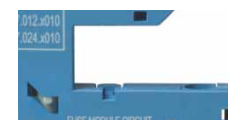
0. As delivered, the socket comes without a fuse module. The connection is protected by a special cap.



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.

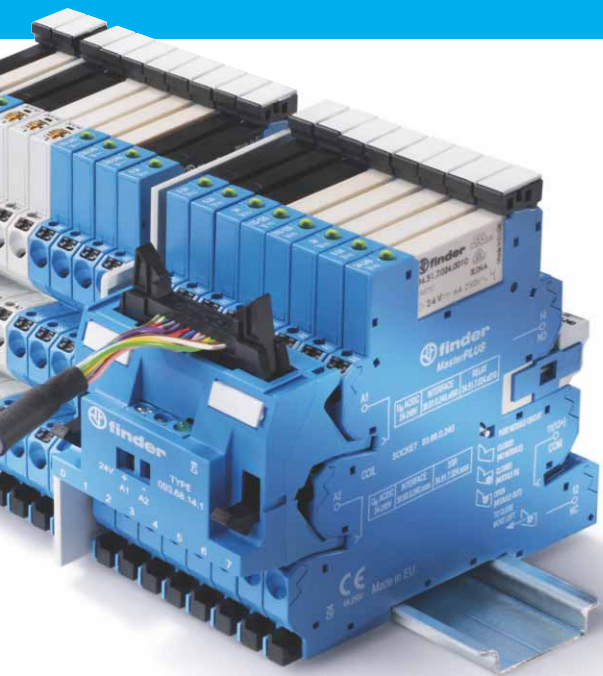


3. In order to reinstate the output circuit it is necessary to either re-insert the fuse module, or alternatively, return the peg/indicator to position 0.



39 Series

Relay interface modules



MULTI-VOLTAGE MasterPLUS

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

new



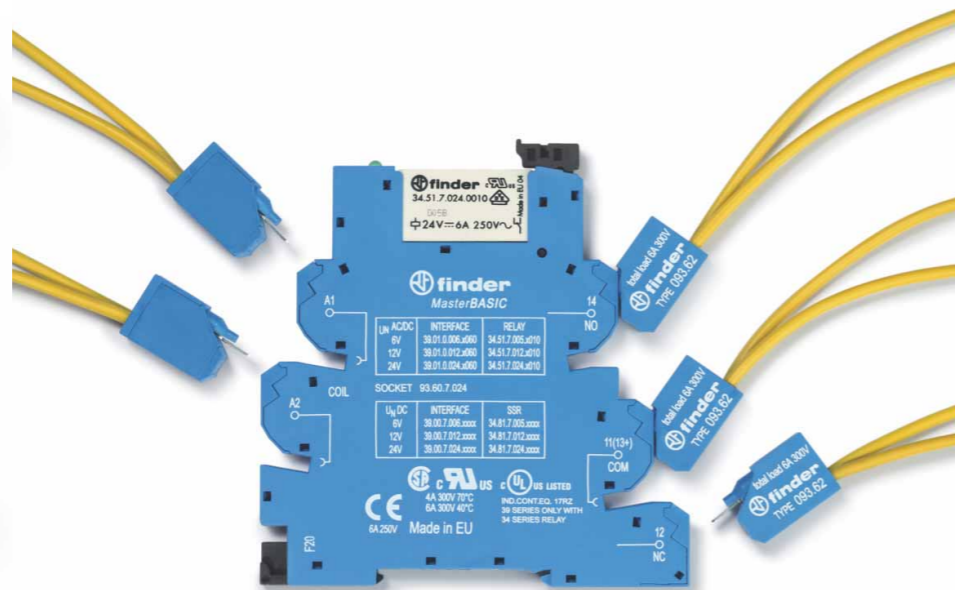
new



Terminal Doubler Type 093.62

Fits all sockets with 39 Series Push-in technology.

Push-in connection

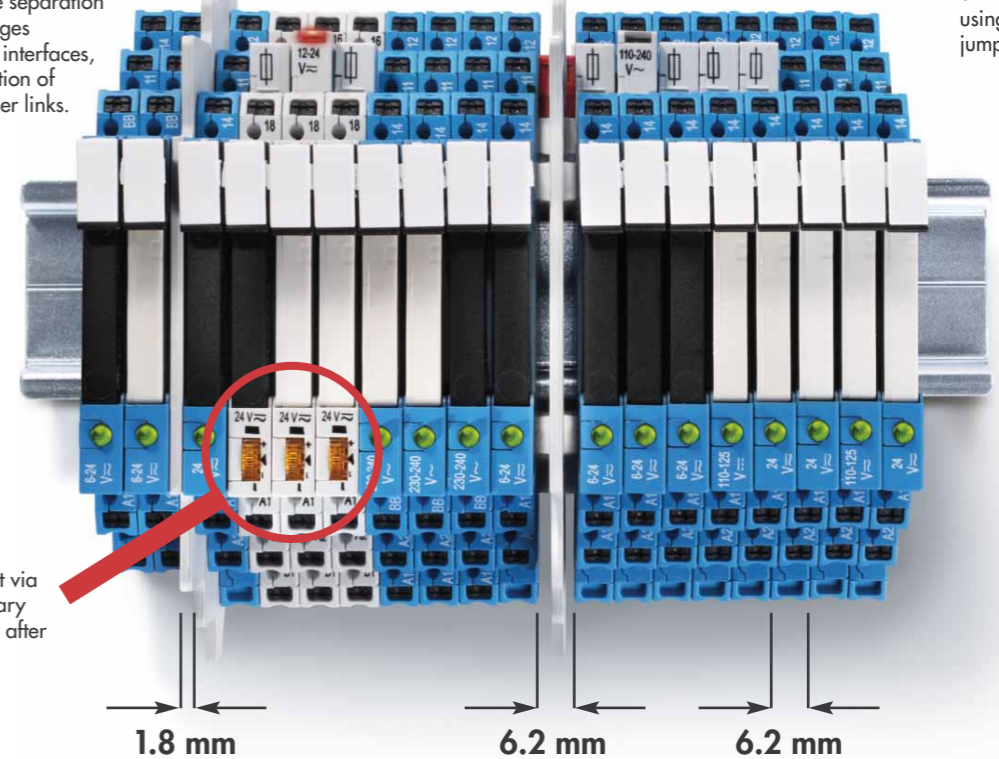


Dual-purpose plastic separator type 093.60 (1.8 mm or 6.2 mm separation)



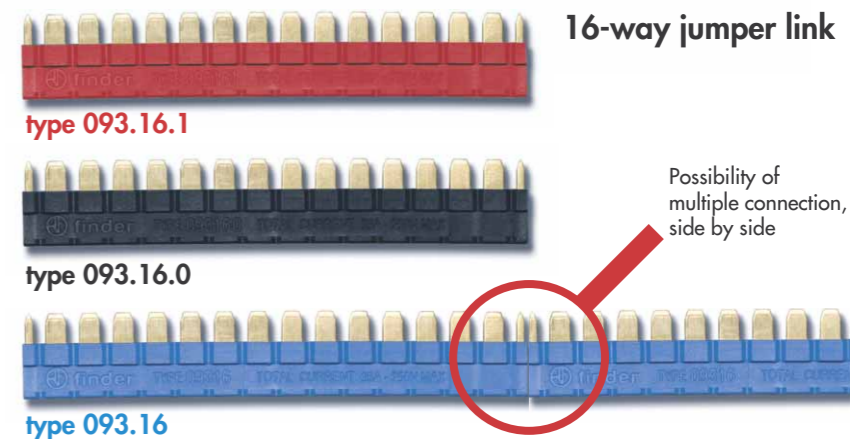
By breaking off the protruding ribs (by hand), the separator becomes only 1.8 mm thick; useful for the visual separation of different groups of interfaces, or necessary for the protective separation of different voltages of neighbouring interfaces, or for the protection of cut ends of jumper links.

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



16-way jumper link

type 093.16.1

type 093.16.0

type 093.16

Possibility of multiple connection, side by side

39 Series

MasterBASIC

For general interface use in any type of system and application.

MasterPLUS

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

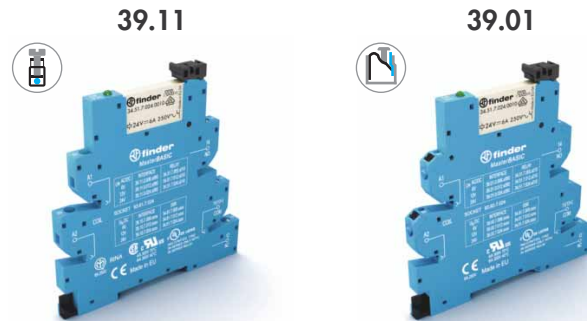


Electromechanical Relay (EMR) 1 Pole 6 A - 250 V AC



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)

new



Screw terminal

Push-in terminal

39.11	39.01
39.11.0.006.0060	39.01.0.006.0060
39.11.0.012.0060	39.01.0.012.0060
39.11.0.024.0060	39.01.0.024.0060
39.11.0.125.0060	39.01.0.125.0060
39.11.8.230.0060	39.01.8.230.0060



Accepts output fuse module

Screw terminal

Push-in terminal

39.31 - 39.31.3	39.61 - 39.61.3
39.31.0.006.0060	39.61.0.006.0060
39.31.0.012.0060	39.61.0.012.0060
39.31.0.024.0060	39.61.0.024.0060
39.31.0.060.0060	39.61.0.060.0060
39.31.0.125.0060	39.61.0.125.0060
39.31.0.240.0060	39.61.0.240.0060
39.31.8.230.0060	39.61.8.230.0060
39.31.7.125.0060	39.61.7.125.0060
39.31.7.220.0060	39.61.7.220.0060
39.31.3.125.0060	39.61.3.125.0060
39.31.3.230.0060	39.61.3.230.0060



Solid State Relay (SSR) 1 output 2 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)

new



Screw terminal

Push-in terminal

39.10	39.00
39.10.7.006.xxxx	39.00.7.006.xxxx
39.10.7.012.xxxx	39.00.7.012.xxxx
39.10.7.024.xxxx	39.00.7.024.xxxx
39.10.7.060.xxxx	39.00.7.060.xxxx
39.10.7.125.xxxx	39.00.7.125.xxxx
39.10.7.220.xxxx	39.00.7.220.xxxx
39.10.0.024.xxxx	39.00.0.024.xxxx
39.10.0.125.xxxx	39.00.0.125.xxxx
39.10.8.230.xxxx	39.00.8.230.xxxx



Accepts output fuse module

Screw terminal

Push-in terminal

39.30 - 39.30.3	39.60 - 39.60.3
39.30.7.006.xxxx	39.60.7.006.xxxx
39.30.7.012.xxxx	39.60.7.012.xxxx
39.30.7.024.xxxx	39.60.7.024.xxxx
39.30.7.060.xxxx	39.60.7.060.xxxx
39.30.7.125.xxxx	39.60.7.125.xxxx
39.30.7.220.xxxx	39.60.7.220.xxxx
39.30.0.024.xxxx	39.60.0.024.xxxx
39.30.0.125.xxxx	39.60.0.125.xxxx
39.30.0.240.xxxx	39.60.0.240.xxxx
39.30.8.230.xxxx	39.60.8.230.xxxx
39.30.3.125.xxxx	39.60.3.125.xxxx
39.30.3.230.xxxx	39.60.3.230.xxxx

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

MasterINPUT

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 auxiliary contacts, sensors, limit switches and the Controller or PLC.

MasterOUTPUT

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

MasterTIMER

Slim and Multifunction Timed Interface modules.

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

39.41



39.71



39.21



39.51



39.81



39.91



Accepts output fuse module

Screw terminal

Push-in terminal

Screw terminal

Push-in terminal

Screw terminal

Push-in terminal

39.41.0.006.5060

39.71.0.006.5060

39.21.0.006.0060

39.51.0.006.0060

39.81.0.012.0060

39.91.0.012.0060

39.41.0.012.5060

39.71.0.012.5060

39.21.0.012.0060

39.51.0.012.0060

39.81.0.024.0060

39.91.0.024.0060

39.41.0.024.5060

39.71.0.024.5060

39.21.0.024.0060

39.51.0.024.0060

39.41.0.125.5060

39.71.0.125.5060

39.21.0.125.0060

39.51.0.125.0060

39.41.8.230.5060

39.71.8.230.5060

39.21.8.230.0060

39.51.8.230.0060

39.40



39.70



39.20



39.50



39.80



39.90



Accepts output fuse module

Screw terminal

Push-in terminal

Screw terminal

Push-in terminal

Screw terminal

Push-in terminal

39.40.7.006.xxxx

39.70.7.006.xxxx

39.20.7.006.xxxx

39.50.7.006.xxxx

39.40.7.012.xxxx

39.70.7.012.xxxx

39.20.7.012.xxxx

39.50.7.012.xxxx

39.40.7.024.xxxx

39.70.7.024.xxxx

39.20.7.024.xxxx

39.50.7.024.xxxx

39.40.0.024.xxxx

39.70.0.024.xxxx

39.80.0.012.xxxx

39.90.0.012.xxxx

39.40.0.125.xxxx

39.70.0.125.xxxx

39.20.0.125.xxxx

39.50.0.125.xxxx

39.80.0.024.xxxx

39.90.0.024.xxxx

39.40.8.230.xxxx

39.70.8.230.xxxx

39.20.8.230.xxxx

39.50.8.230.xxxx