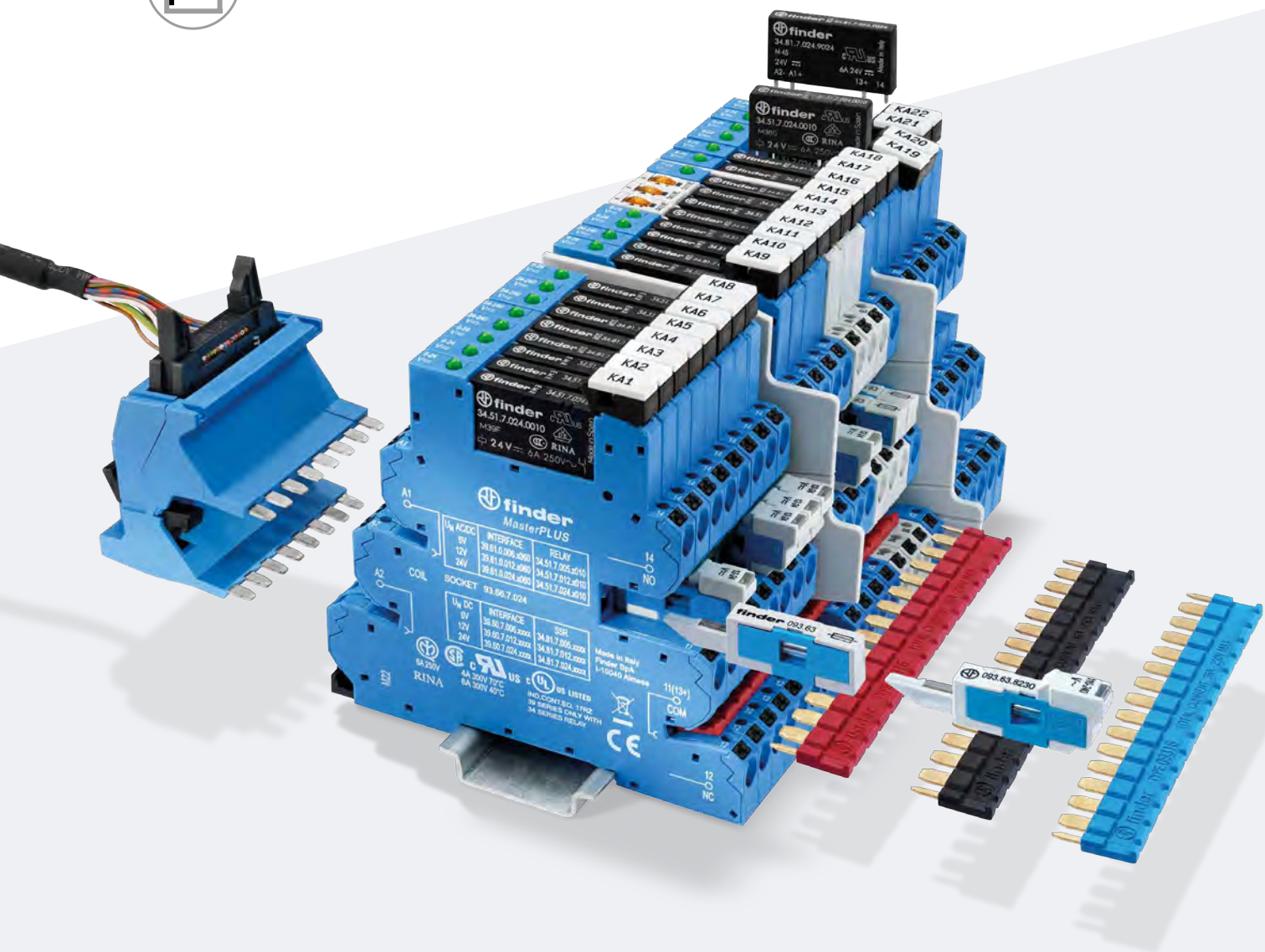
finder
RELAYING INNOVATION

SELECTION GUIDE

39 Series - MasterINTERFACE

Ultra-slim, simple and versatile

RELAY INTERFACE MODULES WITH PUSH-IN TECHNOLOGY



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 CO2 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.

AUTONOMY AND INDEPENDENCE

Finder's managerial, financial and technological autonomy allows optimal control over all its business processes, the results of which include simplified customs procedures and a high reliability of commercial relations.

ISO 9001:2015
Quality management system

IECEx
Equipment for Use in Explosive Atmospheres

ISO 14001:2015
Environmental management system

ISO 27001-27701
Information Security and Privacy Management System

ISO 45001:2018
Health and safety management system

ISO 50001:2018
Energy management system

ISO 14064-1:2019
Carbon Footprint verification

AEOF
Simplified customs and enhanced supply chain security

FSC
Forest Stewardship Council

Cribis Prime Company
Recognition of highest reliability of commercial relations

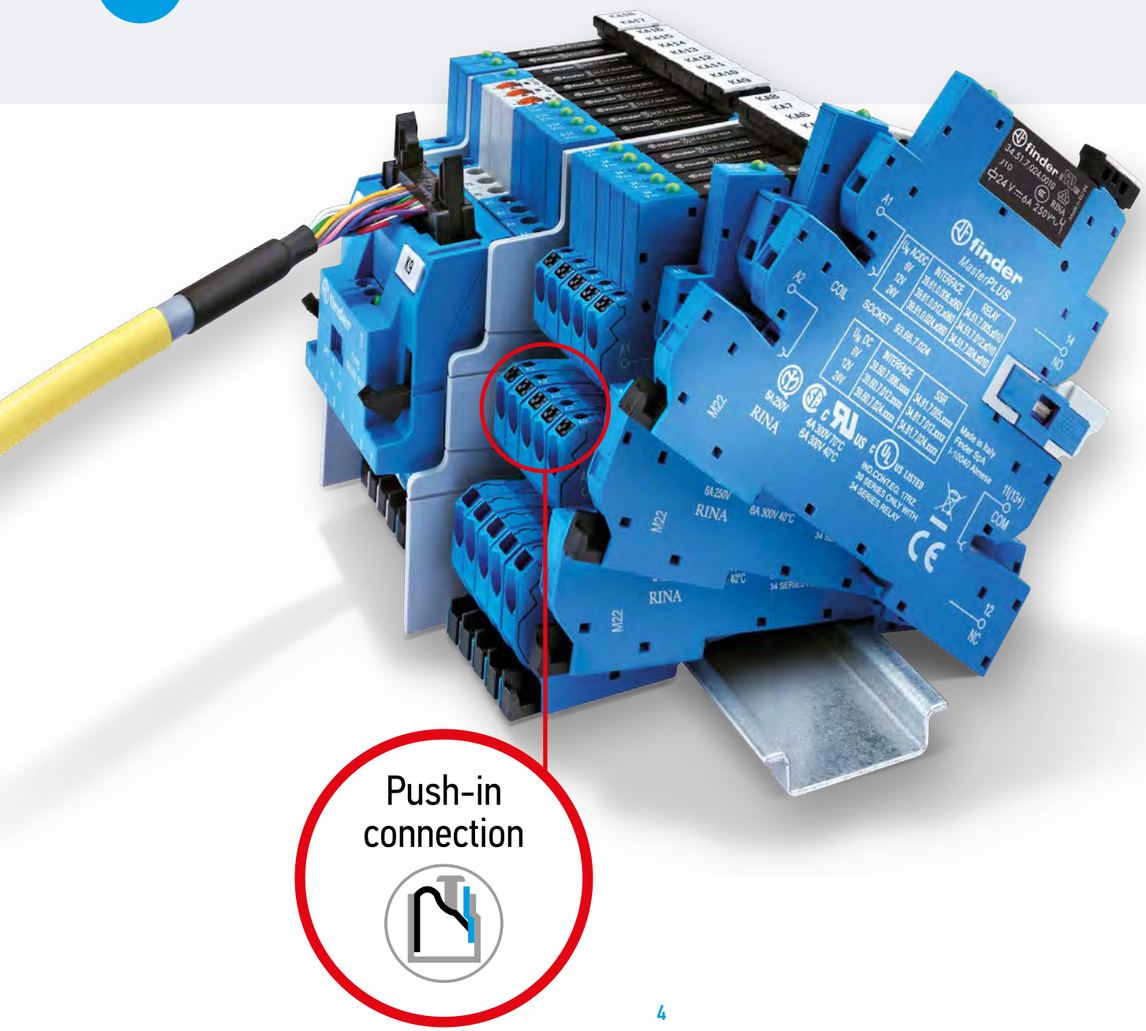
Ultra-slim

Simple

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.
Ideal for PLC and electronic systems.

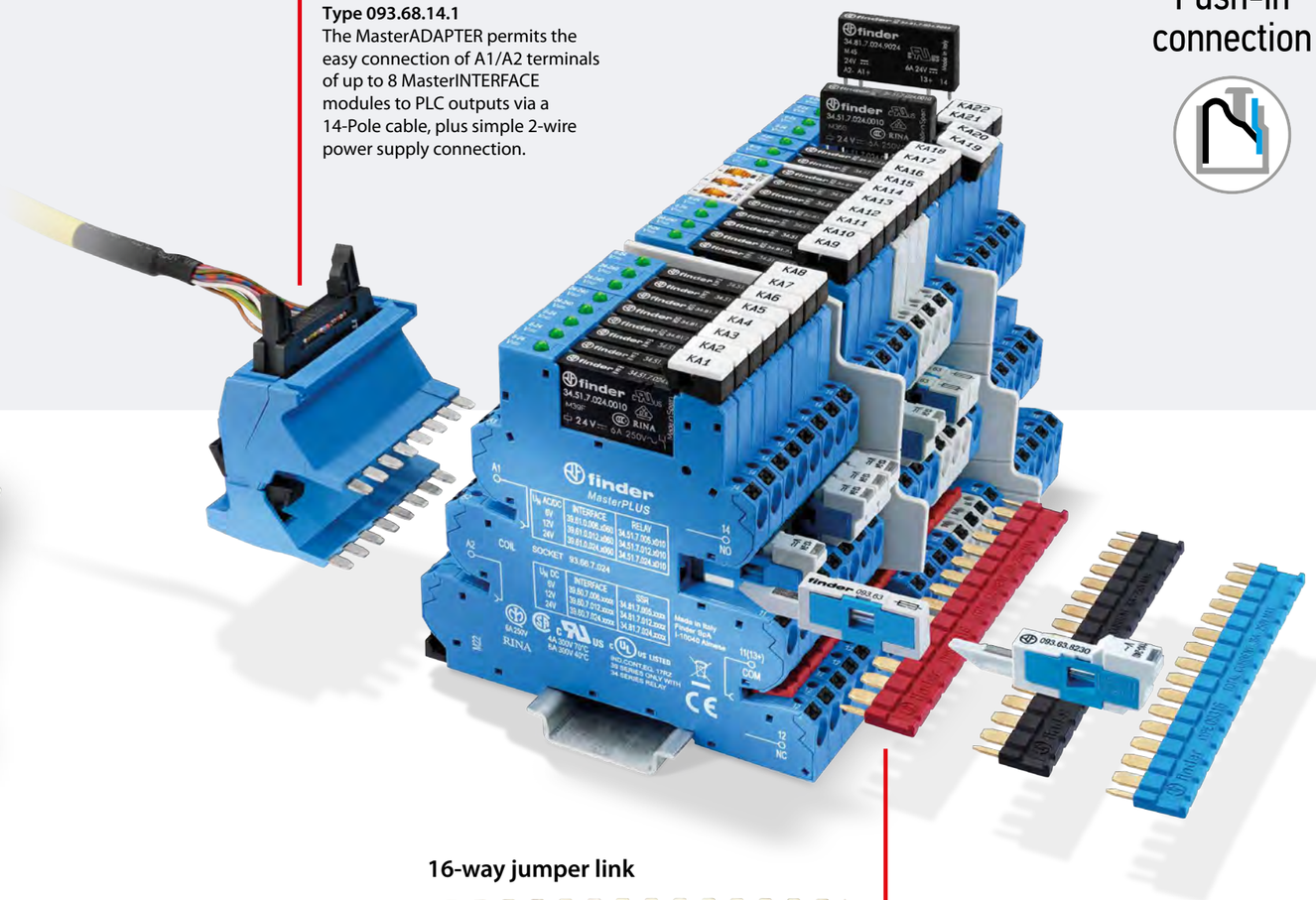
- Integral coil indication and protection circuit
- Secure retention and easy ejection by plastic clip
- 35 mm rail mounting (EN 60715)



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.

Push-in connection



16-way jumper link



Type 093.16.1

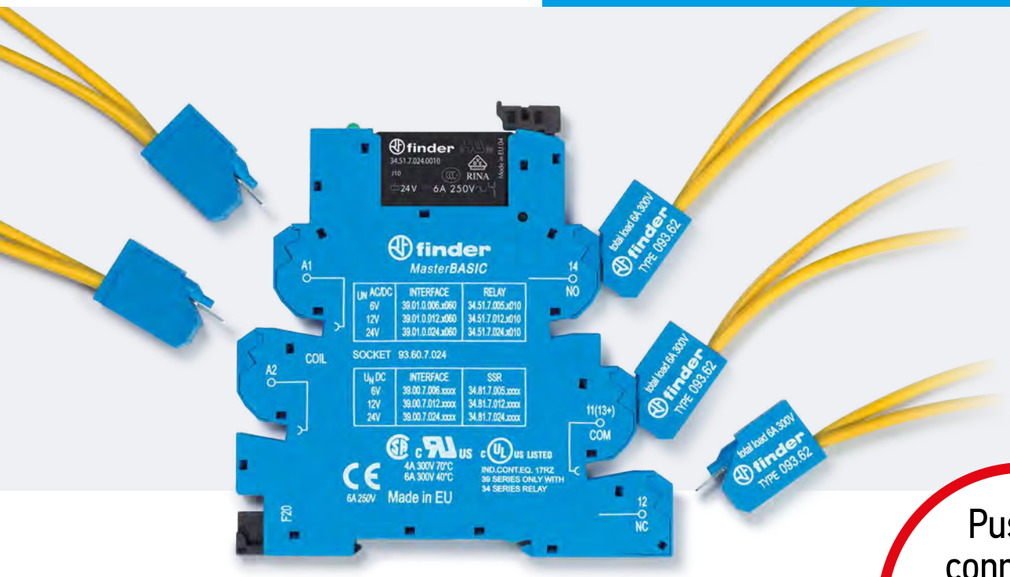


Type 093.16.0



Type 093.16

Possibility to serially "chain" jumper links

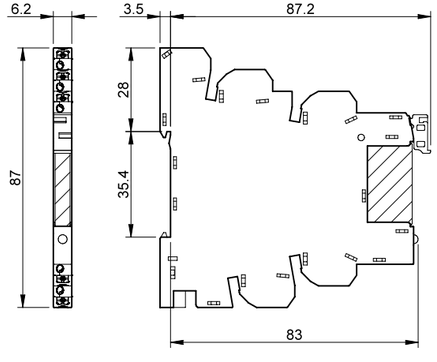


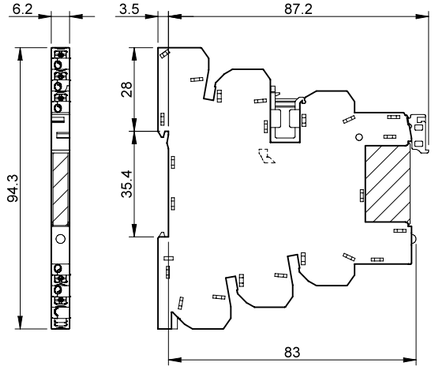
Push-in connection



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

Outline drawings - Relay interface modules with Push-in connection





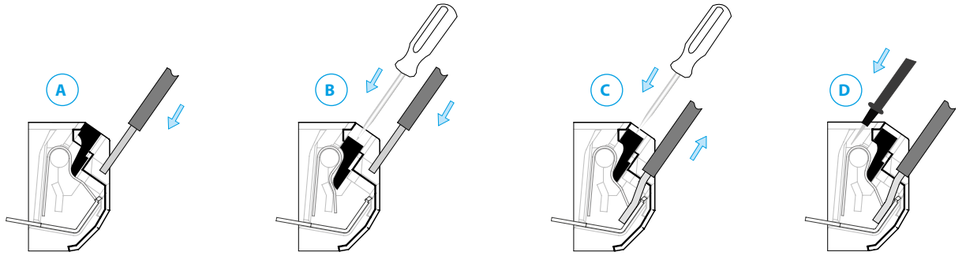
Approvals (according to type)

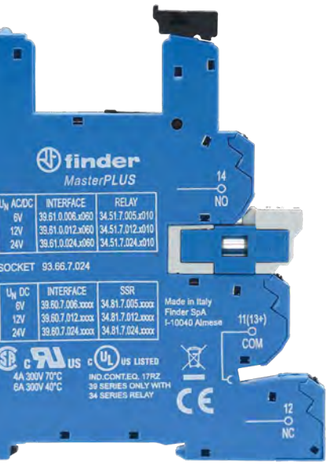
Extremely simple, fast and secure installation

Push-in connection

Push-in terminals

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 first to open the terminal using the push button, both for the extraction (**C**) and insertion (**B**).
It is possible at any time to check the connection via the test aperture, using a 2 mm diameter test probe (**D**).





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 093.63.0.024
(6…24)V AC/DC
with LED fuse status indicator

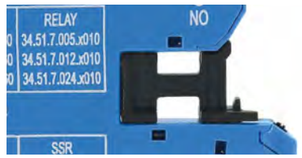
Type 093.63.8.230
(110…240)V AC
with LED fuse status indicator



Type 093.63

Multi-state fuse module

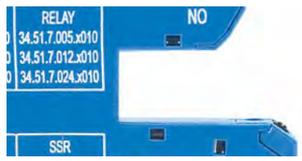
0. As delivered, the socket comes without a fuse module. However, a "bridging" module guarantee the output electrical connections.



1. In order to use a fuse module, it is enough to remove the "bridging" module and replace it by the fuse module. The fuse is positioned electrically in series with the common output terminal of the interface module (11 for EMR versions, 13+ for SSR versions, 15 for EMR timer, 15+ for SSR timer).

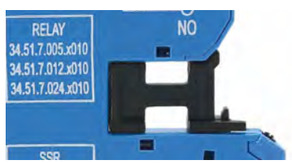


2. If the fuse module is extracted (for example; because the fuse element has blown) the output circuit will be locked open, as this will generally be the "safe option".



3. In order to reinstate the output circuit it is necessary to either re-insert the fuse module (complete with functional fuse), or, alternatively, the "bridging" module.



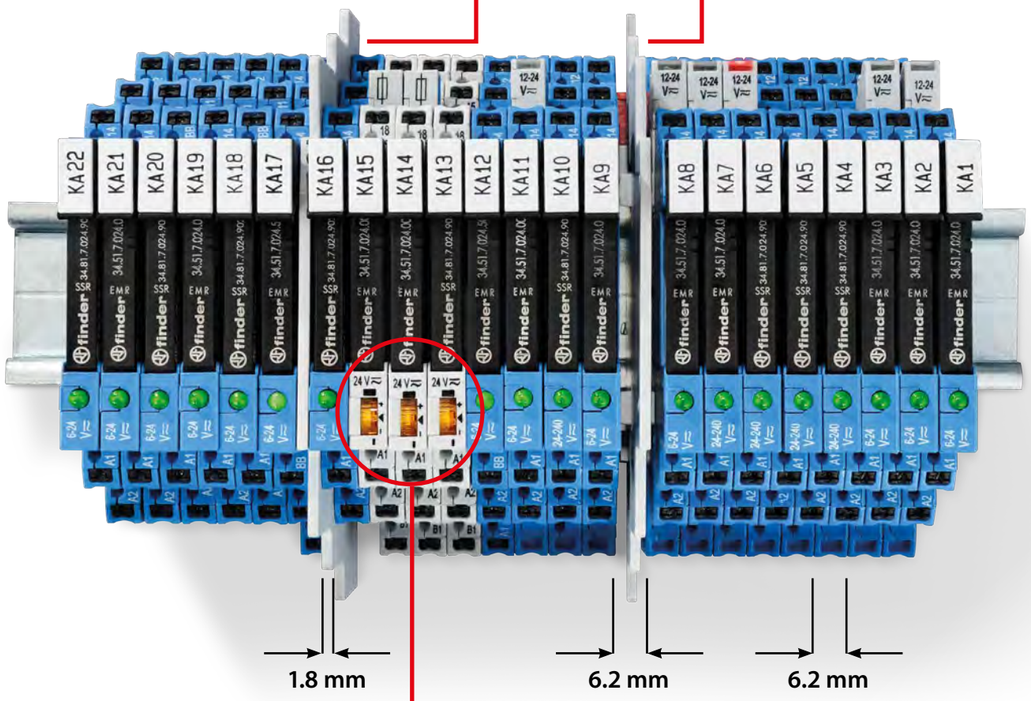


Dual-purpose plastic separator type 093.60 (1.8 mm or 6.2 mm separation)



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 6.2 mm 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.

Electromechanical Relay (1 Pole 6 A) & Push-in Socket Combinations


*Master**BASIC***


*Master**PLUS***


*Master**INPUT***


*Master**OUTPUT***


*Master**TIMER***

Interface Module Code	Coil voltage	Relay	Socket
*Master**BASIC***			
39.01.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.60.7.024
39.01.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.60.7.024
39.01.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.60.7.024
39.01.0.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.60.0.125
39.01.8.230.0060	(230…240)V AC	34.51.7.060.0010	93.60.8.230
*Master**PLUS***			
39.61.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.66.7.024
39.61.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.66.7.024
39.61.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.66.7.024
39.61.0.060.0060	60 V AC/DC	34.51.7.060.0010	93.66.7.060
39.61.0.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.66.0.125
39.61.0.240.0060	(24…240)V AC/DC	34.51.7.024.0010	93.66.0.240
39.61.8.230.0060	(230…240)V AC	34.51.7.060.0010	93.66.8.230
39.61.7.125.0060	(110…125)V DC	34.51.7.060.0010	93.66.7.125
39.61.7.220.0060	220 V DC	34.51.7.060.0010	93.66.7.220
39.61.3.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.66.3.125
39.61.3.230.0060	(230…240)V AC	34.51.7.060.0010	93.66.3.230
*Master**INPUT***			
39.71.0.006.5060	6 V AC/DC	34.51.7.005.5010	93.67.7.024
39.71.0.012.5060	12 V AC/DC	34.51.7.012.5010	93.67.7.024
39.71.0.024.5060	24 V AC/DC	34.51.7.024.5010	93.67.7.024
39.71.0.125.5060	(110…125)V AC/DC	34.51.7.060.5010	93.67.0.125
39.71.8.230.5060	(230…240)V AC	34.51.7.060.5010	93.67.8.230
*Master**OUTPUT*** 1 NO, 6 A only			
39.51.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.65.7.024
39.51.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.65.7.024
39.51.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.65.7.024
39.51.0.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.65.0.125
39.51.8.230.0060	(230…240)V AC	34.51.7.060.0010	93.65.8.230
*Master**TIMER***			
39.91.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.69.0.024
39.91.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.69.0.024

Example: .xxxx
.9024
.7048
.8240

Electromechanical Relay (1 Pole 6 A) & Screw Socket Combinations


*Master**BASIC***


*Master**PLUS***


*Master**INPUT***


*Master**OUTPUT***


*Master**TIMER***

Interface Module Code	Coil voltage	Relay	Socket
*Master**BASIC***			
39.11.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.61.7.024
39.11.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.61.7.024
39.11.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.61.7.024
39.11.0.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.61.0.125
39.11.8.230.0060	(230…240)V AC	34.51.7.060.0010	93.61.8.230
*Master**PLUS***			
39.31.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.63.7.024
39.31.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.63.7.024
39.31.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.63.7.024
39.31.0.060.0060	60 V AC/DC	34.51.7.060.0010	93.63.7.060
39.31.0.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.63.0.125
39.31.0.240.0060	(24…240)V AC/DC	34.51.7.024.0010	93.63.0.240
39.31.8.230.0060	(230…240)V AC	34.51.7.060.0010	93.63.8.230
39.31.7.125.0060	(110…125)V DC	34.51.7.060.0010	93.63.7.125
39.31.7.220.0060	220 V DC	34.51.7.060.0010	93.63.7.220
39.31.3.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.63.3.125
39.31.3.230.0060	(230…240)V AC	34.51.7.060.0010	93.63.3.230
*Master**INPUT***			
39.41.0.006.5060	6 V AC/DC	34.51.7.005.5010	93.64.7.024
39.41.0.012.5060	12 V AC/DC	34.51.7.012.5010	93.64.7.024
39.41.0.024.5060	24 V AC/DC	34.51.7.024.5010	93.64.7.024
39.41.0.125.5060	(110…125)V AC/DC	34.51.7.060.5010	93.64.0.125
39.41.8.230.5060	(230…240)V AC	34.51.7.060.5010	93.64.8.230
*Master**OUTPUT*** 1 NO, 6 A only			
39.21.0.006.0060	6 V AC/DC	34.51.7.005.0010	93.62.7.024
39.21.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.62.7.024
39.21.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.62.7.024
39.21.0.125.0060	(110…125)V AC/DC	34.51.7.060.0010	93.62.0.125
39.21.8.230.0060	(230…240)V AC	34.51.7.060.0010	93.62.8.230
*Master**TIMER***			
39.81.0.012.0060	12 V AC/DC	34.51.7.012.0010	93.68.0.024
39.81.0.024.0060	24 V AC/DC	34.51.7.024.0010	93.68.0.024

Example: .xxxx
.9024
.7048
.8240

Solid State Relay (1 Pole 0.1, 2 or 6 A) & Push-in Socket Combinations


*Master**BASIC***


*Master**PLUS***


*Master**INPUT***


*Master**OUTPUT***


*Master**TIMER***

Interface Module Code	Input voltage	Relay	Socket
*Master**BASIC***			
39.00.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.60.7.024
39.00.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.60.7.024
39.00.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.60.7.024
39.00.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.60.0.125
39.00.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.60.8.230
*Master**PLUS***			
39.60.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.66.7.024
39.60.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.66.7.024
39.60.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.66.7.024
39.60.7.060.xxxx	60 V DC	34.81.7.060.xxxx	93.66.7.060
39.60.7.125.xxxx	(110…125)V DC	34.81.7.060.xxxx	93.66.7.125
39.60.7.220.xxxx	220 V DC	34.81.7.060.xxxx	93.66.7.220
39.60.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.66.0.024
39.60.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.66.0.125
39.60.0.240.xxxx	(24…240)V AC/DC	34.81.7.024.xxxx	93.66.0.240
39.60.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.66.8.230
39.60.3.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.66.3.125
39.60.3.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.66.3.230
*Master**INPUT***			
39.70.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.67.7.024
39.70.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.67.7.024
39.70.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.67.7.024
39.70.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.67.0.024
39.70.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.67.0.125
39.70.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.67.8.230
*Master**OUTPUT***			
39.50.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.65.7.024
39.50.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.65.7.024
39.50.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.65.7.024
39.50.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.65.0.125
39.50.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.65.8.230
*Master**TIMER***			
39.90.0.012.xxxx	12 V AC/DC	34.81.7.012.xxxx	93.69.0.024
39.90.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.69.0.024

Example: .xxxx
.9024
.7048
.8240

Solid State Relay (1 Pole 0.1, 2 or 6 A) & Screw Socket Combinations


*Master**BASIC***


*Master**PLUS***


*Master**INPUT***


*Master**OUTPUT***


*Master**TIMER***

Interface Module Code	Input voltage	Relay	Socket
*Master**BASIC***			
39.10.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.61.7.024
39.10.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.61.7.024
39.10.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.61.7.024
39.10.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.61.0.125
39.10.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.61.8.230
*Master**PLUS***			
39.30.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.63.7.024
39.30.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.63.7.024
39.30.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.63.7.024
39.30.7.060.xxxx	60 V DC	34.81.7.060.xxxx	93.63.7.060
39.30.7.125.xxxx	(110…125)V DC	34.81.7.060.xxxx	93.63.7.125
39.30.7.220.xxxx	220 V DC	34.81.7.060.xxxx	93.63.7.220
39.30.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.63.0.024
39.30.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.63.0.125
39.30.0.240.xxxx	(24…240)V AC/DC	34.81.7.024.xxxx	93.63.0.240
39.30.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.63.8.230
39.30.3.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.63.3.125
39.30.3.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.63.3.230
*Master**INPUT***			
39.40.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.64.7.024
39.40.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.64.7.024
39.40.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.64.7.024
39.40.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.64.0.024
39.40.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.64.0.125
39.40.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.64.8.230
*Master**OUTPUT***			
39.20.7.006.xxxx	6 V DC	34.81.7.005.xxxx	93.62.7.024
39.20.7.012.xxxx	12 V DC	34.81.7.012.xxxx	93.62.7.024
39.20.7.024.xxxx	24 V DC	34.81.7.024.xxxx	93.62.7.024
39.20.0.125.xxxx	(110…125)V AC/DC	34.81.7.060.xxxx	93.62.0.125
39.20.8.230.xxxx	(230…240)V AC	34.81.7.060.xxxx	93.62.8.230
*Master**TIMER***			
39.80.0.012.xxxx	12 V AC/DC	34.81.7.012.xxxx	93.68.0.024
39.80.0.024.xxxx	24 V AC/DC	34.81.7.024.xxxx	93.68.0.024

Example: .xxxx
.9024
.7048
.8240

ATEX/HazLoc - Electromechanical Relay & Push-in Socket Combinations


MasterBASIC

Interface Module Code	Input voltage	Relay	Socket
*Master**BASIC*** **ATEX**			
39.01.0.006.0073	6 V AC/DC	34.51.7.005.0000	93.60.0.024.7
39.01.0.012.0073	12 V AC/DC	34.51.7.012.0000	93.60.0.024.7
39.01.0.024.0073	24 V AC/DC	34.51.7.024.0000	93.60.0.024.7
39.01.0.125.0073	(110…125)V AC/DC	34.51.7.060.0000	93.60.0.125.7
39.01.0.240.0073	(24…240)V AC/DC	34.51.7.024.0000	93.60.0.240.7
39.01.8.230.0073	(230…240)V AC	34.51.7.060.0000	93.60.8.230.7

ATEX/HazLoc - Electromechanical Relay & Push-in Socket Combinations


MasterTIMER

Interface Module Code	Input voltage	Relay	Socket
*Master**TIMER*** **ATEX**			
39.91.0.012.0073	12 V AC/DC	34.51.7.012.0000	93.69.0.024.7
39.91.0.024.0073	24 V AC/DC	34.51.7.024.0000	93.69.0.024.7

HazLoc - Solid State Relay & Push-in Socket Combinations


MasterBASIC

Interface Module Code	Input voltage	Relay	Socket
*Master**BASIC*** **HazLoc**			
39.00.0.006.yy73	6 V AC/DC	34.81.7.005.xxxx	93.60.0.024.7
39.00.0.012.yy73	12 V AC/DC	34.81.7.012.xxxx	93.60.0.024.7
39.00.0.024.yy73	24 V AC/DC	34.81.7.024.xxxx	93.60.0.024.7
39.00.0.125.yy73	(110…125)V AC/DC	34.81.7.060.xxxx	93.60.0.125.7
39.00.0.240.yy73	(24…240)V AC/DC	34.81.7.024.xxxx	93.60.0.240.7
39.00.8.230.yy73	(230…240)V AC	34.81.7.060.xxxx	93.60.8.230.7

HazLoc - Solid State Relay & Push-in Socket Combinations


MasterTIMER

Interface Module Code	Input voltage	Relay	Socket
*Master**TIMER*** **HazLoc**			
39.90.0.012.8273	12 V AC/DC	34.81.7.012.8240	93.69.0.024.7
39.90.0.024.8273	24 V AC/DC	34.81.7.024.8240	93.69.0.024.7
39.90.0.012.9073	12 V AC/DC	34.81.7.012.9024	93.69.0.024.7
39.90.0.024.9073	24 V AC/DC	34.81.7.024.9024	93.69.0.024.7

Example:
.yy
.7073 (0.1 A - 48 V DC)
.9073 (5 A - 24 V DC)
.8273 (0.75 A - 230 V AC)

.xxxx
.9024
.7048
.8240

ATEX/HazLoc - Electromechanical Relay & Screw Socket Combinations


MasterBASIC

Interface Module Code	Coil voltage	Relay	Socket
*Master**BASIC*** **ATEX**			
39.11.0.006.0073	6 V AC/DC	34.51.7.005.0000	93.61.0.024.7
39.11.0.012.0073	12 V AC/DC	34.51.7.012.0000	93.61.0.024.7
39.11.0.024.0073	24 V AC/DC	34.51.7.024.0000	93.61.0.024.7
39.11.0.125.0073	(110…125)V AC/DC	34.51.7.060.0000	93.61.0.125.7
39.11.0.240.0073	(24…240)V AC/DC	34.51.7.024.0000	93.61.0.240.7
39.11.8.230.0073	(230…240)V AC	34.51.7.060.0000	93.61.8.230.7

ATEX/HazLoc - Electromechanical Relay & Screw Socket Combinations


MasterTIMER

Interface Module Code	Input voltage	Relay	Socket
*Master**TIMER*** **ATEX**			
39.81.0.012.0073	12 V AC/DC	34.51.7.012.0000	93.68.0.024.7
39.81.0.024.0073	24 V AC/DC	34.51.7.024.0000	93.68.0.024.7

HazLoc - Solid State Relay & Screw Socket Combinations


MasterBASIC

Interface Module Code	Input voltage	Relay	Socket
*Master**BASIC*** **HazLoc**			
39.10.0.006.yy73	6 V AC/DC	34.81.7.005.xxxx	93.61.0.024.7
39.10.0.012.yy73	12 V AC/DC	34.81.7.012.xxxx	93.61.0.024.7
39.10.0.024.yy73	24 V AC/DC	34.81.7.024.xxxx	93.61.0.024.7
39.10.0.125.yy73	(110…125)V AC/DC	34.81.7.060.xxxx	93.61.0.125.7
39.10.0.240.yy73	(24…240)V AC/DC	34.81.7.024.xxxx	93.61.0.240.7
39.10.8.230.yy73	(230…240)V AC	34.81.7.060.xxxx	93.61.8.230.7

HazLoc - Solid State Relay & Screw Socket Combinations


MasterTIMER

Interface Module Code	Input voltage	Relay	Socket
*Master**TIMER*** **HazLoc**			
39.80.0.012.8273	12 V AC/DC	34.81.7.012.8240	93.68.0.024.7
39.80.0.024.8273	24 V AC/DC	34.81.7.024.8240	93.68.0.024.7
39.80.0.012.9073	12 V AC/DC	34.81.7.012.9024	93.68.0.024.7
39.80.0.024.9073	24V AC/DC	34.81.7.024.9024	93.68.0.024.7

Example:
.yy
.7073 (0.1 A - 48 V DC)
.9073 (5 A - 24 V DC)
.8273 (0.75 A - 230 V AC)

.xxxx
.9024
.7048
.8240

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