

### MasterINPUT

**39.41 - 39.40 - 39.71 - 39.70**

- These models allow the full termination of input 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 the auxiliary contacts, sensors, limit switches and Controllers or PLC's.

### MasterOUTPUT

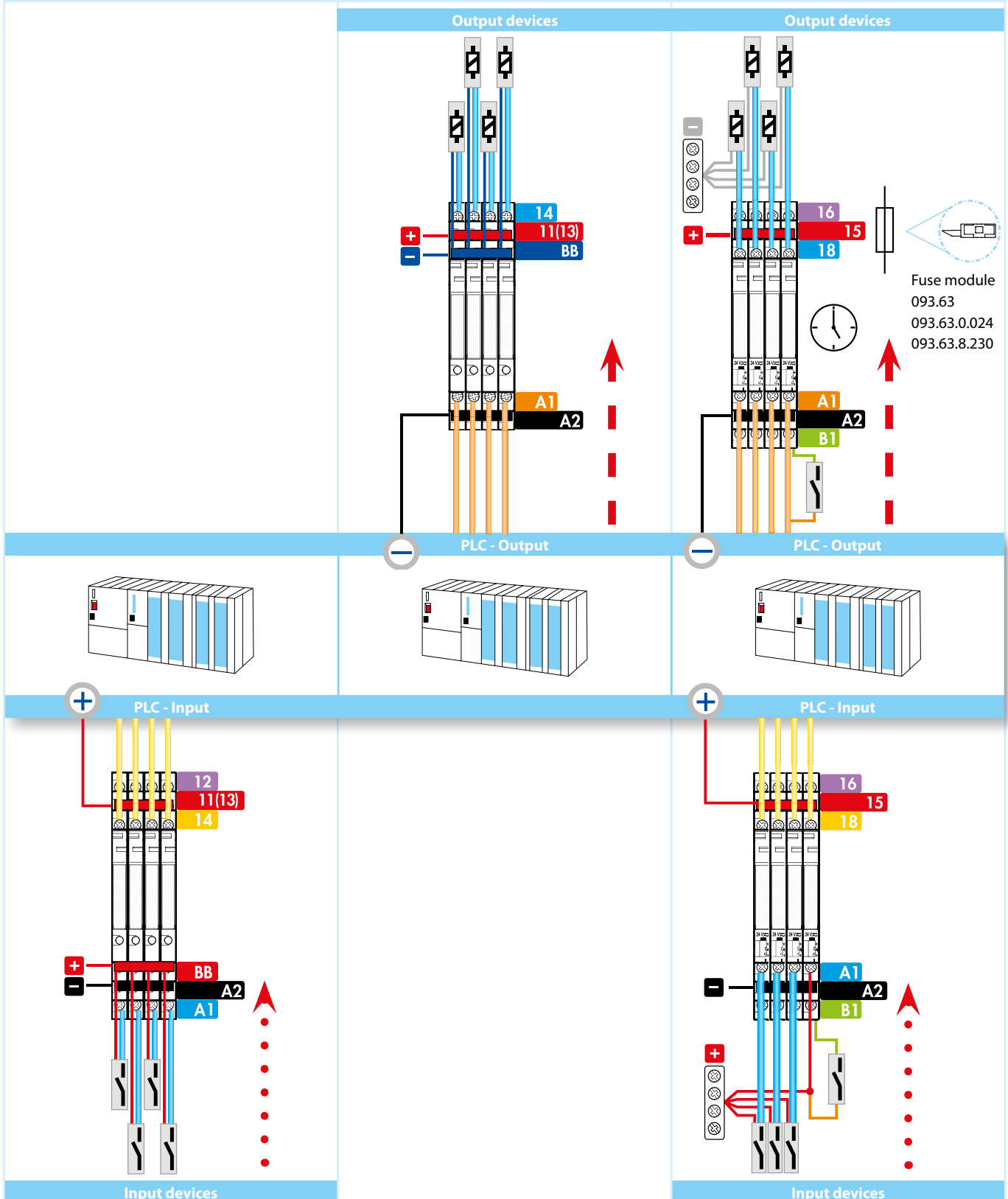
**39.21 - 39.20 - 39.51 - 39.50**

- These models allow the full termination of 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 the PLC's or Controllers and output devices such as electromagnetic valves or motors etc..

### MasterTIMER

**39.81 - 39.80 - 39.91 - 39.90**

- Slim and Multifunction Timed Interface modules.



## MasterBASIC - EMR

**1 Pole interface module, 6.2 mm wide, ideal for PLC and electronic systems**

- Common connection possible with optional jumper links (terminals A1, A2 and 11)
- UL Listing (certain relay/socket combinations)

B

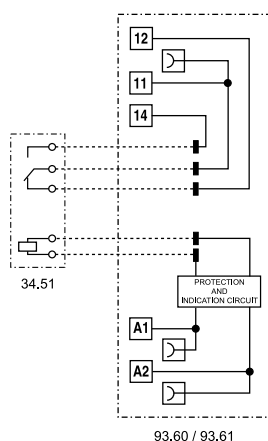


- 6 A electromechanical relay
- 6 to 24 and 125 V AC/DC and 230 V AC supply
- Screw terminal and push-in terminal
- 35 mm rail (EN 60715) mounting

39.11  
Screw terminal



39.01  
Push-in terminal



For outline drawing see page 22, 23

| Contact specification                               |                 |                            |
|-----------------------------------------------------|-----------------|----------------------------|
| Contact configuration                               |                 | 1 CO (SPDT)                |
| Rated current/<br>Maximum peak current              | A               | 6/10                       |
| Rated voltage/<br>Maximum switching voltage         | V AC            | 250/400                    |
| Rated load AC1                                      | VA              | 1500                       |
| Rated load AC15 (230 V AC)                          | VA              | 300                        |
| Single phase motor rating (230 V AC)                | kW              | 0.185                      |
| Breaking capacity DC1: 30/110/220 V                 | A               | 6/0.2/0.12                 |
| Minimum switching load                              | mW (V/mA)       | 500 (12/10)                |
| Standard contact material                           |                 | AgNi                       |
| Supply specification                                |                 |                            |
| Nominal voltage (U <sub>N</sub> )                   | V AC/DC         | 6 - 12 - 24 - 110...125    |
|                                                     | V AC (50/60 Hz) | 220...240                  |
| Rated power                                         | VA (50 Hz)/W    | See page 18                |
| Operating range                                     |                 | (0.8...1.1) U <sub>N</sub> |
| Holding voltage                                     |                 | 0.6 U <sub>N</sub>         |
| Must drop-out voltage                               |                 | 0.1 U <sub>N</sub>         |
| Technical data                                      |                 |                            |
| Mechanical life AC/DC                               | cycles          | 10 · 10 <sup>6</sup>       |
| Electrical life at rated load AC1                   | cycles          | 60 · 10 <sup>3</sup>       |
| Operate/release time                                | ms              | 5/6                        |
| Insulation between coil<br>and contacts (1.2/50 µs) | kV              | 6 (8 mm)                   |
| Dielectric strength<br>between open contacts        | V AC            | 1000                       |
| Ambient temperature range                           | °C              | -40...+70                  |
| Protection category                                 |                 | IP 20                      |
| <b>Approvals relay</b> (according to type)          |                 |                            |
|                                                     |                 |                            |