

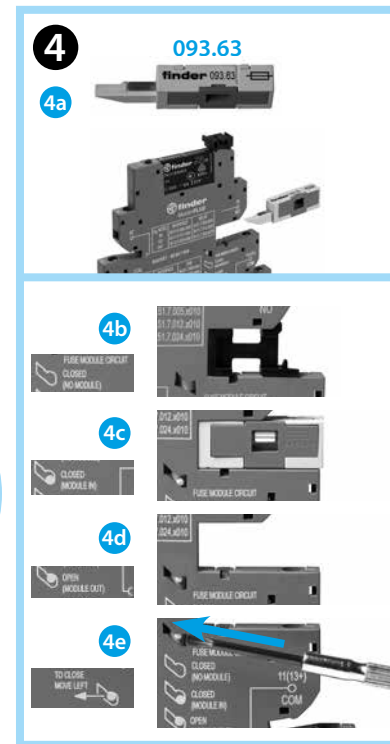
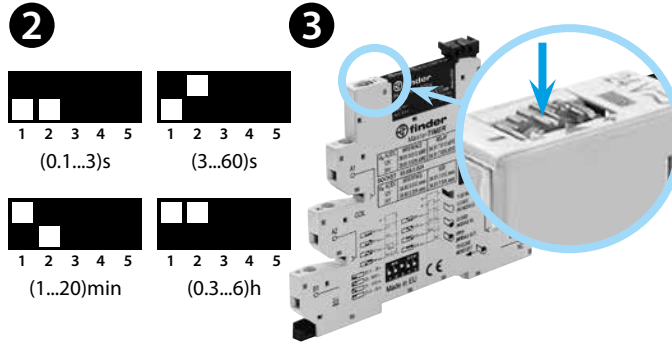
39.80/81

93.68.0.024	
	U <sub>N</sub> 12 V AC / DC U <sub>min</sub> - max (9.6...13.2) V AC / DC
	U <sub>N</sub> 24 V AC / DC U <sub>min</sub> - max (19.2...26.4) V AC / DC
	(-20...+50)°C
IP20	

39.80.0.xxxx.xxxx (SSR)	
1 NO (SPST-NO)	
9024	2 A (1.5...24)V DC
7048	0.1 A (1.5...48)V DC
8240	2 A (12...240)V AC

39.81.0.xxxx.0060 (EMR)	
1 CO (SPDT)	6 A 250 V AC
AC1	1500 VA
AC15 (230 V AC)	300 VA
(M) (230 V AC)	0.185 kW
DC1 (30/110/220) V	(6/0.2/0.12) A

		39.80	39.81
LED	U <sub>N</sub>	15-16	15-18
	-		
	✓		
	✓		
	✓		



# ENGLISH

## 39.8x SLIM TIMED INTERFACE MODULE

39.80-Timed interface module SSR (34.81+93.68)  
39.81-Timed interface module EMR (34.51+93.68)

### 1 WIRING DIAGRAMS AND FUNCTIONS

U Supply voltage S Signal switch Output Contact

- AI On-delay
- DI Interval
- GI Pulse (0.5s) delayed
- SW Symmetrical flasher (starting pulse on)
- (with control signal)
- BE Off-delay with control signal
- CE On- and off-delay with control signal
- DE Interval with control signal on
- EE Interval with control signal off
- 1a Possible to control an external load, such as another relay coil or timer, connected to the signal start terminal B1.
- 1b A voltage other than the supply voltage can be applied to the command Start (B1), example:  
A1 - A2 = 24 V AC  
B1 - A2 = 12 V DC

### 2 TIME SCALES

### 3 ADJUSTING THE DELAY / LED

### 4 ACCESSORIES

4a Output fuse module 093.63 for 5x20 mm fuse  
Multi-state fuse module

- 4b As delivered, the socket comes without a fuse module. However, the absent fuse is internally replaced with an electrical link-which allows the interface relay to be used without a fuse module. In this state, the peg/indicator is visually hidden (fig.4b).
- 4c With fuse module inserted, 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). This state is indicated by the peg/indicator.
- 4d 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". This state is indicated by the peg/indicator.
- 4e In order to reinstate the output circuit it is necessary to either re-insert the fuse module (complete with functional fuse), or alternatively, return the peg/indicator to position 4b by gently applying pressure in the direction of the arrow.

