

39.80/81

93.68.0.024	
	U _N 12 V AC / DC U _{min} - max (9.6...13.2) V AC / DC
	U _N 24 V AC / DC U _{min} - 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

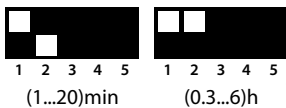
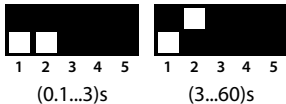
AC15 (230 V AC) 300 VA

(M) (230 V AC) 0.185 kW

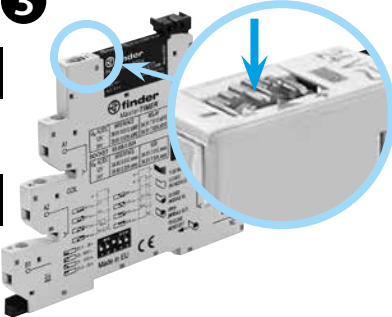
DC1 (30/110/220) V (6/0.2/0.12) A

		39.80	39.81
LED	U _N	15-16	15-18
	-		
	✓		
	✓		
	✓		

2



3



4

4a



4b



4c



4d



4e



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

- (without control signal)
 - 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.

