



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

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.xxx.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

2

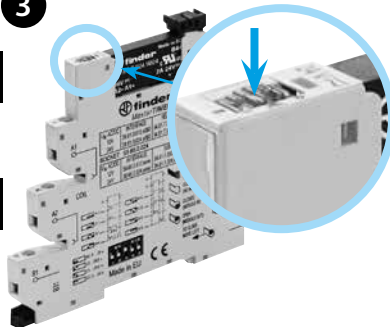


(0.1...3)s (3...60)s



(1...20)min (0.3...6)h

3

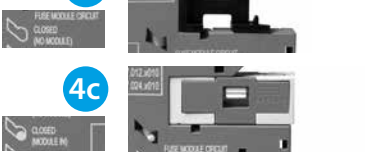


4

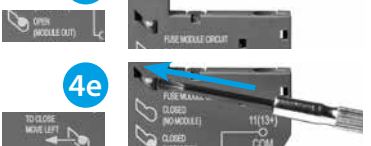
4a



4b



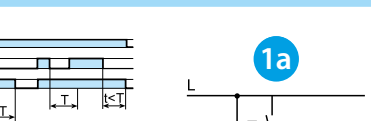
4c



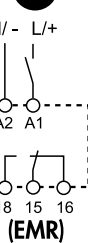
4d



4e



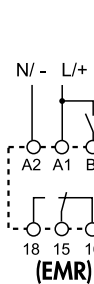
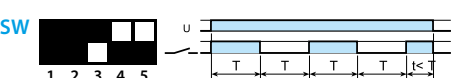
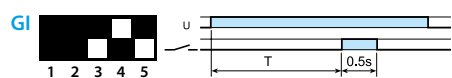
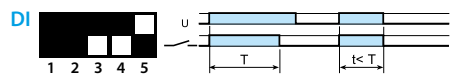
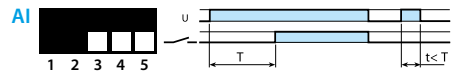
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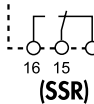
(EMR)



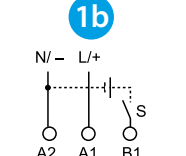
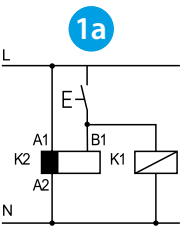
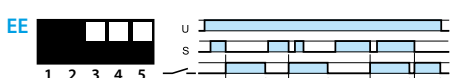
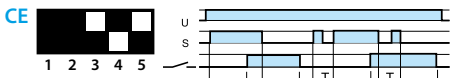
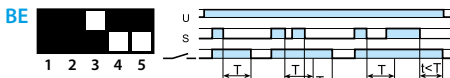
(SSR)



(EMR)



(SSR)



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.

