



**EAN code**  
 PRM-91H-8 /UNI 8595188135511  
 PRM-91H-11 /UNI 8595188111638  
 PRM-92H /UNI 8595188111096  
 PRM-2H /UNI 8595188111645

- Multifunction time relays in 11 or 8 pin standardized plug-in type socket enables easy exchange or replacement.
- **Multifunction time relay PRM-91H**  
 11 and 8 pin type  
 10 time functions, time scale 0.1 s - 10 days divided into 10 ranges  
 output contact SPDT 1x 16 A / 4000VA, 250V AC1
- **Multifunction time relay PRM-92H**  
 11 pin type  
 10 time functions, time scale 0.1 s - 10 days divided into 10 ranges  
 output contact DPDT 2x 8 A / 2000VA, 250V AC1
- **Asymmetric cycler PRM-2H**  
 11 pin type  
 2 time functions, time scale 0.1 s - 100 days divided into 10 ranges  
 output contact DPDT 2x 8 A / 2000VA, 250V AC1
- Universal supply voltage AC/DC 12 - 240 V
- Output indication: multif. red LED, flashing at certain states
- PLUG-IN relays

Technical Parameters	PRM-91H/ 8	PRM-91H/ 11	PRM-92H	PRM-2H
Number of functions:	10			2
Supply:	pins 2 and 7	pins 2 and 10	pins 2 and 10	pins 2 and 10
Voltage range:	AC/DC 12 - 240 V (AC 50 - 60 Hz)			
Burden:	AC 0.7 - 3 VA / DC 0.5 - 1.7 W			
Supply voltage tolerance:	-15 %; +10 %			
Supply indication:	green LED			
Time ranges:	0.1 s - 10 days			0.1 s - 100 days
Time setting:	rotary switch and potentiometer			
Time deviation:	5 % - mechanical setting			
Repeat accuracy:	0.2 % - set value stability			
Temperature coefficient:	0.01 % / °C, at = 20 °C (0.01 % / °F, at = 68 °F)			
<b>Output</b>				
Number of contacts:	1x changeover/ SPDT (AgNi / Silver Alloy)		2x changeover/ DPDT (AgNi / Silver Alloy)	
Current rating:	16 A / AC1		8 A / AC1	
Breaking capacity:	4000 VA / AC1, 384 W / DC		2000 VA / AC1, 192 W / DC	
Inrush current:	30 A / <3 s		10 A / <3 s	
Switching voltage:	250 V AC1 / 24 V DC			
Min. breaking capacity DC:	500 mW			
Output indication:	multifunction red LED			
Mechanical life:	3x10 <sup>7</sup>			
Electrical life (AC1):	0.7x10 <sup>5</sup>			
<b>Control</b>				
Control. voltage:	in the supply voltage range			
Control power input:	AC 0.025 - 0.2 VA / DC 0.1 - 0.7 W (UNI)			
Load between 5-10:	A no			
Glow-tubes:	Ne			
Control terminals:	2 - 5			
Max. capacity of cable control:				
-without connected glow-lamps:	0.1µF			
Impulse length:	min. 25 ms / max. unlimited			
Reset time:	max. 150 ms			
<b>Other information</b>				
Operating temperature:	-20 °C to +55 °C (-4 °F to 131 °F)			
Storage temperature:	-30 °C to +70 °C (-22 °F to 158 °F)			
Electrical strength:	2.5 kV			
Operating position:	any			
Mounting/DIN rail:	DIN rail EN 60715			
Protection degree:	IP 40 from front panel			
Overvoltage category:	III.			
Pollution degree:	2			
Dimensions:	50 x 38 x 53 mm (2" x 1.5" x 2.1")			
Weight:	57 g (2.01 oz.)	57 g (2.01 oz.)	58 g (2.05 oz.)	58 g (2.05 oz.)
Standards:	EN 61812-1, EN 61010-1			

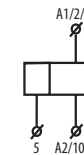
## Symbol

### LEGEND TO DESCRIPTION

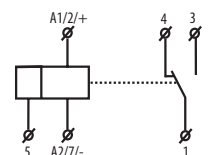
polarity- outputs/number on module/on socket

#### PRM-91H

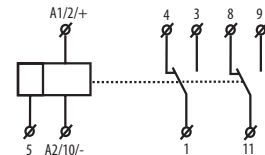
11 pin



8 pin

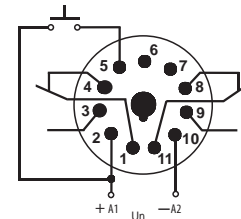


#### PRM-92H, PRM-2H

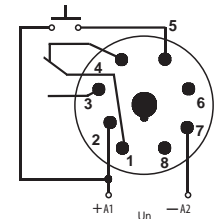


## Connection PRM-91H/11, PRM-91H/8

#### PRM-92H/11



#### PRM-91H/8



## Recommended socket

#### ES-11



11 pin

#### ES-8



8 pin

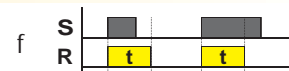


## Function PRM-91H, PRM-92H

Delay ON after energization



Delay OFF responding to make of control contact regardless its length



Delay OFF after energization



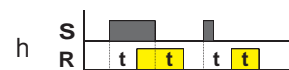
Delay OFF after break of control contact with instant output



Cycler beginning with pause after energization



Delay OFF after make and break of control contact



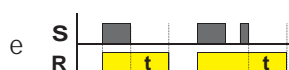
Cycler beginning with impulse after energization



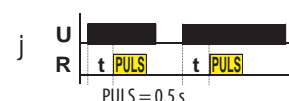
Memory (latching) relay



Delay OFF after de-energization, instant switches of output



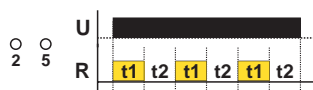
Pulse generator (PULSE=0.5s)



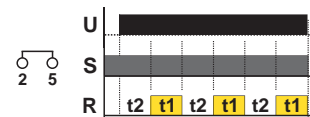
## Function PRM-2H

Choice Function in PRM-2H is done by connecting terminals 2 and 5

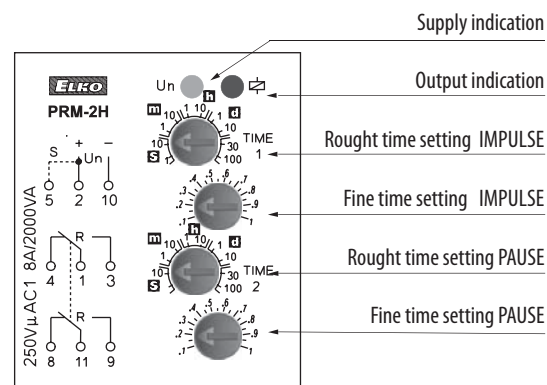
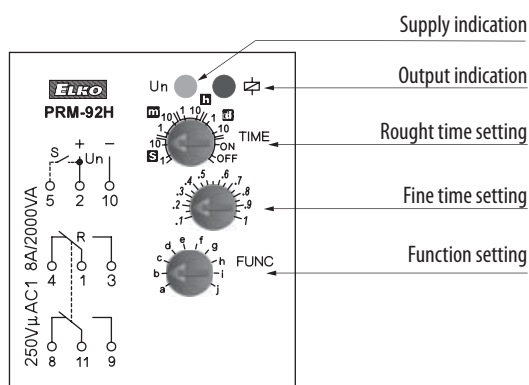
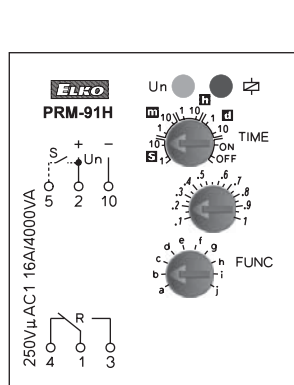
Cycler beginning with pulse



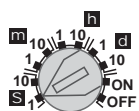
Cycler beginning with pause



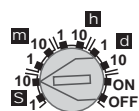
## Description / Connection



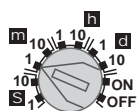
## Time ranges PRM-91H, PRM-92H



0.1 - 1 s



1 - 10 s



0.1 - 1 min



1 - 10 min



0.1 - 1 hrs



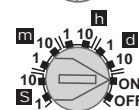
1 - 10 hrs



0.1 - 1 day



1 - 10 days

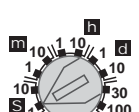


only ON

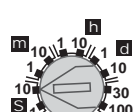


only OFF

## Time ranges PRM-2H



0.1 - 1 s



1 - 10 s



0.1 - 1 min



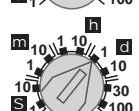
1 - 10 min



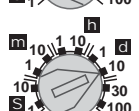
0.1 - 1 hrs



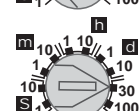
1 - 10 hrs



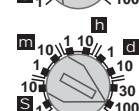
0.1 - 1 day



1 - 10 days



3 - 30 days



10 - 100 days