

## News Timerelay 910



- Multifunctional programmable Time Relay with a 5-digit LCD-Display



## Time Relay Type 910

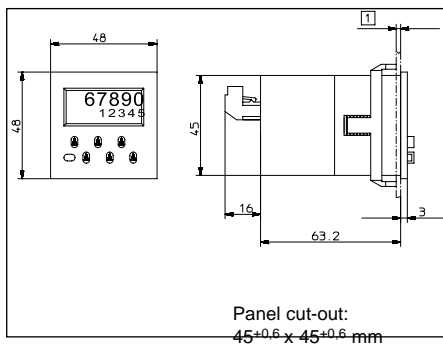


- easy operating over decade keyboard
- no external voltage supply, because of internal replaceable lithium battery
- high contrast, 2-line LCD-Display, 5-digit, with many symbols for easy operation and reading
- 9 programmable time ranges from 0,20 seconds up to 99 999 hours
- resolution up to 0,01 seconds
- inputs for start and reset
  - universal inputs for 12 - 260 V AC/DC
- 8 timing modes
  - ON DELay, OFF DELay, One shot and Single Shot
  - Repeat cycle modes: Delay, Cycle, Symmetrical delay
- 3 programmable activation modes
- Relay contacts rated at 8 A programmable to NO or NC
- protection IP 65
- plug-in connector

### Technical data:

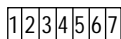
Voltage supply:	2 x 3 V ½AA replaceable lithium battery, service life > 10 years or 500 000 relay changes	Contact Rating:	250 V AC at 8 A; cos φ = 1 250 V AC at 5 A; cos φ = 0,4 30 V DC at 8 A; cos φ = 1
Timing and Reset inputs:	12 ... 260 V AC/DC, impedance 180 kΩ min.impulse 20 ms, (optocoupler)	Reaction time:	< 20 ms
Display (time):	5-digit LCD-Display; 6,5 mm high	Expected life:	2 A ohm's load 1 000 000 swithing cycles
(set time, mode)	5-digit LCD-Display; 3,5 mm high	EMV:	CE-conformal to EC-guideline 89/36/EWG
Accuracy:	+50/-20 ms respectively 0,5 % of setting time (higher value counts)	Electromagnetic radiation:	EN 50 081-2/EN 55 011 class B
Repetition accuracy:	0,3 % of setting time	Electromagnetic immunity:	EN 61 00-6-2
Operating temperature:	-10 ... +60 °C	Weight:	appr. 80 g
Storage temperature:	-20 ... +70 °C	<b>Time ranges</b>	1 s ... 99999 s; 0,2 s ... 9999,9 s; 0,02 ... 999,99s; 1 min ... 99999 min; 0,1 min ... 9999,9 min; 0,01 min ... 999,99 min; 1 h ... 99999 h; 0,1 h ... 9999,9 h; 0,01 h ... 999,99 h
Relative humidity:	80 % max. up to 31 °C; decreasing to max. 50 % at 40 °C		
Protection	IP 65 with delivered seal		
Output relays	Contact connection: SPTST voltage free contacts programmable as NO or NC		

### Dimensions:



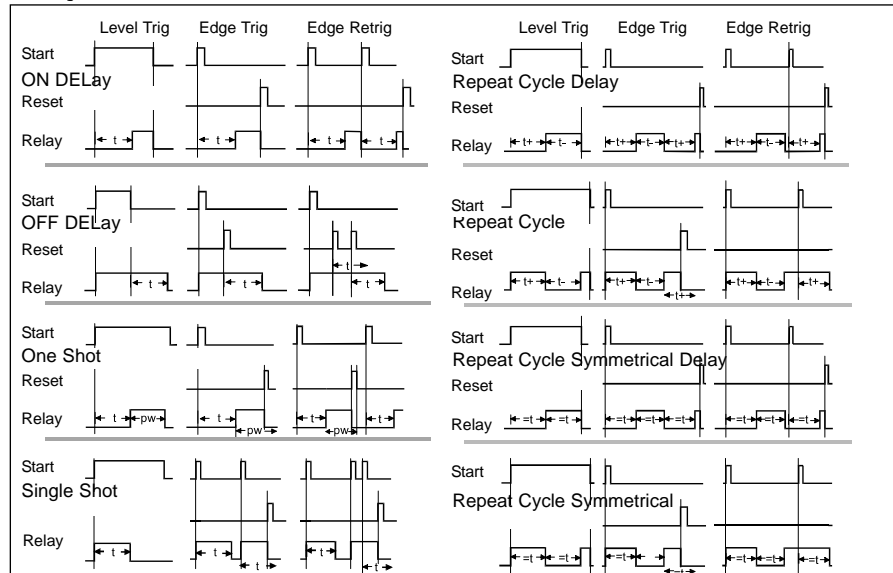
1 max. 10,5  
at front panel 3  
max. 9,5

### Connections:



1	Common for terminals 2 + 3	
2	Timing input, programmable to level or edge triggered	These inputs can be 12 - 260 V AC/DC. For DC input the polarity is unimportant
3	Reset input	
4/5	Voltage free relay contacts, programmable to NO or NC	
6/7	Connect together to disable front panel keys	

### Timing modes:



### Order specification:

Order-Nr.: 0.910.010.800

### Delivery specification:

Time relay, seal, clamp, user manual multilingual  
front panel 3 for screw mounting mounting dimensions 60 x 75 mm,  
front panel 2 for clamping mounting dimensions 55 x 55 mm, template  
for panel cut-out (50 x 50 mm for front panel 2 and 3).