

MULTIFUNCTIONAL TIMER RELAY

ERS-08 / ERV-08 / ERV-08M **ENG**

General

ERS-08, ERV-08 and ERV-08M timer relays are used in all fields (industry, house, plant etc.) need controls related to the time.

Usage of Device and Working Principle

Make the connections according to the diagram.

Max.Time(Time Steps)= Adjusts the stage and display the max.time.

t= Divides the stage by 10 and multiply with displaying value.

Example= Time is 75 minutes.

Make stage button to 100m(100 minutes) and turn "t" button between 7-8. In this case time is adjusted to 75 minutes.

Note= In order to adjust much sensitive higher time values, set "t" by chronometer in low stages and increase the stage to the time required.

Example= Time is 25 hours.

Turn stage button to 10s(10 seconds) and "t" button between 2-3. Make power on and check with a chronometer for 2.5 seconds. If it is high or low, set "t" again. Re-check the device. Make the stage button 100h(100 hours). In this case, you set it more sensitive. After setting the time, power on the device. Device will start timing and meanwhile led switches on-off. When device is timing relay connect out is (NC)1(socket 5). When the timing finish (set time is up) relay led is switches on stable and contact out is (NO) 3(socket 6) this time. Device keeps stable till the power is off.

Maintenance

Switch off the device and release from connections. Clean the trunk of device with a swab. Don't use any conductor or chemical might damage the device. make sure device works after cleaning.

Warnings

Please use the device according to the manual.
Don't use the device in wet.
Include a switch and circuit breaker in the assembly.
Put the switch and circuit breaker nearby the device, operator can reach easily.

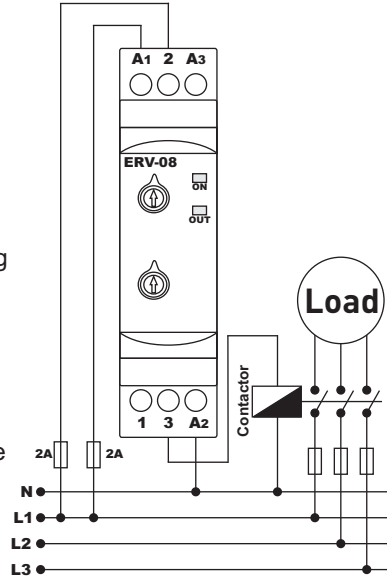
Mark the switch and circuit breaker as releasing connection for device.

Technical Specifications:

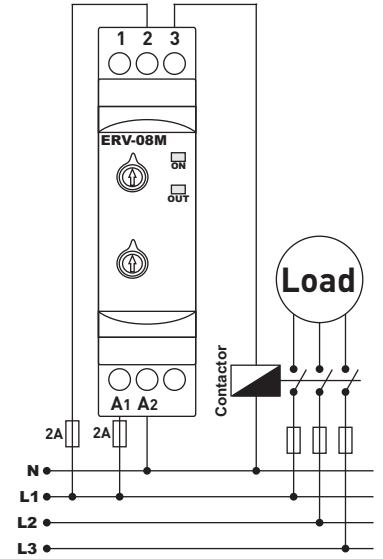
Operating Voltage(Un)!: 150V - 260V AC, 12V-240V AC/DC (ERV-08M)
Operating Frequency: 50/60 Hz.
Operating Power: <4VA
Operating Temperature: -20°C.....+55°C
Time(t): 10sec, 100sec, 10min, 100min, 10hr. and 100hours
Display: On led and Out(RLY) led
Connection Type: Terminal connection, 8 pin socket(ERS-08)
Weight: Max. 90gr., Max. 120gr(ERS-08 / ERV-08M)
Contact: 5A/250V AC (Resistive Load)
Mounting: Vertical assembled in the panel or assembled on the din rail. Panel front mounted.(ERS-08)
Panel Hole Sizes: 46x46mm(ERS-08)
Operating Altitude: <2000meter
Cable Diameter: 2,5mm²



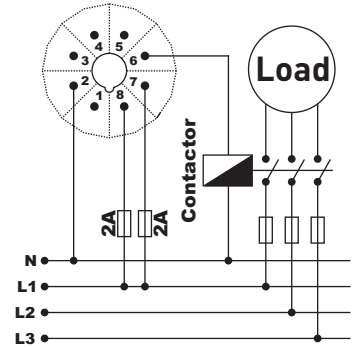
Connection diagram for ERV-08



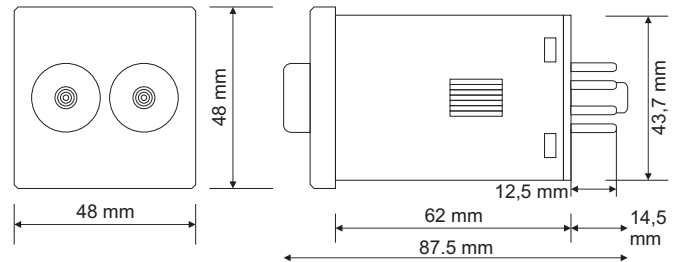
Connection diagram for ERV-08M



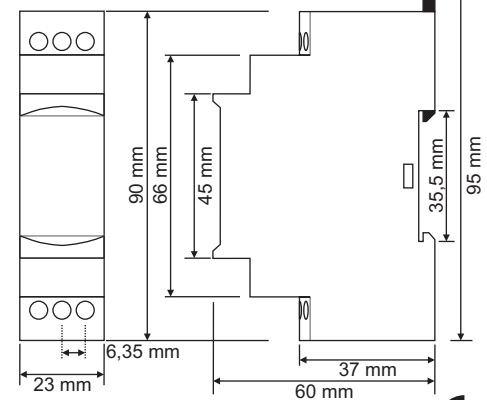
Connection diagram for ERS-08



Dimensions for ERS-08



Dimensions for ERV-08/ERV-08M



Contacts: www.tense.com.tr info@tense.com.tr

MADE IN TURKEY



Document Number: DK-003-5