

REPORT

13 SERIES

Electronic step/monostable relays



13.61.0.024.0000
13.61.8.230.0000
13.61.8.230.0001

13.62.8.230.0001



Electronic step multifunction relays with adjustable time setting up to 20 minutes

Type 13.61

Set and Reset command (24 V AC/DC), Reset command (230 V AC)

Type 13.62

Output: double pole breaking (L and N), with power failure restoration

In case of power failure, when power is restored, the output returns to the state it was in before the power failure

The perfect solution for switching off your system centrally with a single push button.
Now with memory to restore to pre-blackout status (Type 13.62).

- Supply voltage (according to type): 12...24 V AC/DC (50/60 Hz) or 110...240 V AC (50/60 Hz)
- Output (according to type): 1 CO (SPDT), 1 NO (SPST-NO) or 2 NO (DPST-NO) (double pole breaking: L and N)
- Reset Time: 13.61.x.xxx.0000 = 3 seconds
13.6x.x.xxx.0001 = 1 second
- "Zero-crossing" load switching
- Much quieter than electromechanical step relays
- Box clamp



13.61.0.024.0000
13.61.8.230.0000
13.61.8.230.0001

Type 13.61 - Functions

(RM) Monostable

On closure of a switch between terminal 3 and Line (or Neutral, in case of 3-wire connection) the output contact will close, and remain so, until the switch opens.

(IT) Timing step relay

On initial impulse the output contact closes and timing starts for the pre-set duration T; On expiry of the time delay, the output contact opens.

During the timing period it is possible to immediately open the contact with a further impulse. Switch-off delay time: 30 s...20 min.

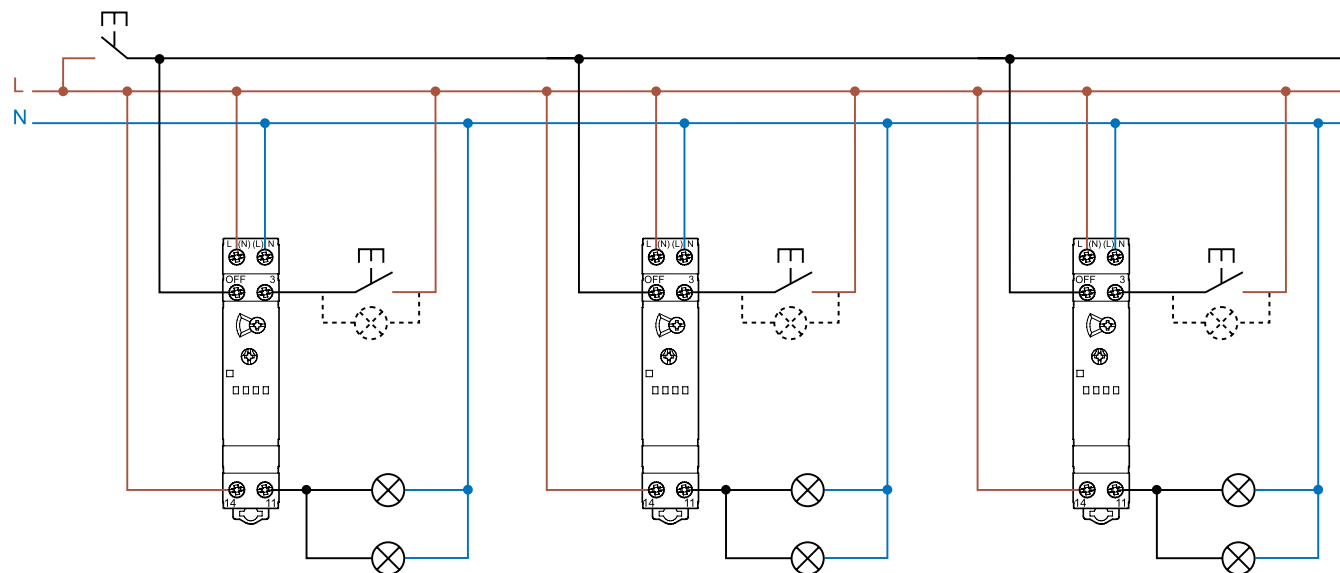
(RI) Step relay

After every impulse, the output contact changes state - alternately switching from open to closed and vice versa.



With this function set - the output contact stays permanently closed.

Type 13.61.8.230 - Examples of multiple 4 wire connection with centralized reset push-button



13.62.8.230.0001

Type 13.62 - Functions

(RI) Step relay

After every impulse, the output contact changes state - alternately switching from open to closed and vice versa.

(RIIm) Step relay with power failure restoration

After every impulse, the output contact changes state - alternately switching from open to closed and vice versa. In case of power failure, when power is restored, the output returns to the state it was in before the power failure.

(IT) Timing step relay

On initial impulse the output contact closes and timing starts for the pre-set duration T; On expiry of the time delay, the output contact opens.

During the timing period it is possible to immediately open the contact with a further impulse. Switch-off delay time: 30 s...20 min.

(ITm) Timing step relay with power failure restoration

On initial impulse the output contact closes and timing starts for the pre-set duration T; On expiry of the time delay, the output contact opens.

During the timing period it is possible to immediately open the contact with a further impulse. Switch-off delay time: 30 s...20 min.

In case of a power failure, when power is restored, the output returns to the state it was in before the power failure.

Type 13.62 - wire connection

Red LED indication:
Continuous = relay ON
Flashing = relay OFF

