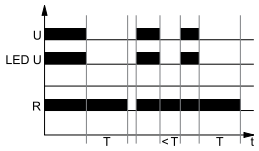
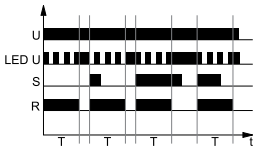
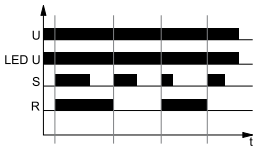


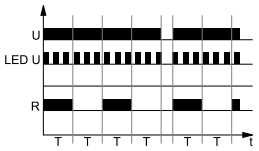
A
OFF delay
without supply voltage.



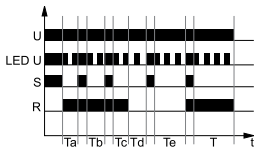
AUTO
ON for the set interval,
triggered by applying voltage
or contact S. ❶



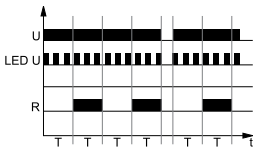
B
Cyclical operation,
with the control contact S.



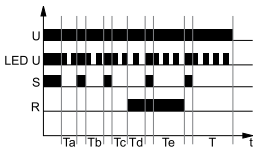
Bi
Symmetrical cyclical operation,
pulse first.



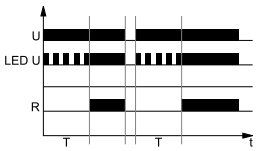
Bi(S)
Symmetrical cyclical operation,
pulse first. ❷



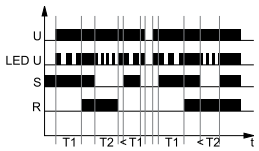
Bp
Symmetrical cyclical operation,
pause first.



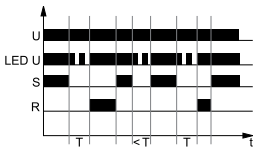
Bp(S)
Symmetrical cyclical operation,
pause first. ❷



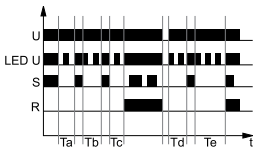
E
ON delay.



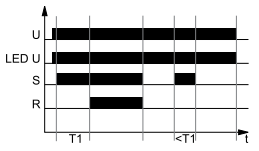
ER
ON and OFF delay,
with the control contact S. ❸



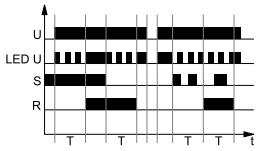
E(R)
ON delay,
with the Reset function.



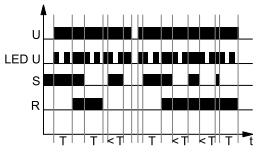
E(S)
ON delay. ❷



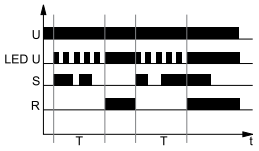
Es
ON delay,
with the control contact S.



Esa
ON and OFF delay,
with the control contact S.

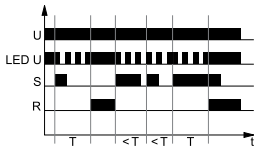


Esa(R)
ON and OFF delay,
with the control contact S,
with the Reset function.

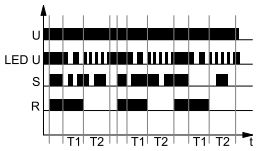


Esf
ON delay,
with the control contact S,
without the interval T extension.

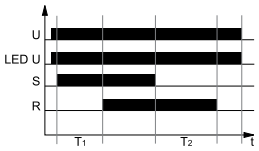
Esp
ON delay - one cycle,
with the control contact S.



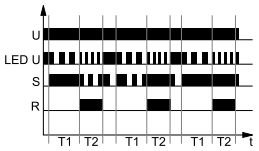
Est
ON delay,
with the control contact S,
with the interval T extension.



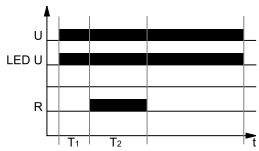
EWa
OFF delay
and breaking time delay,
with the control contact S. ❸



EWf
ON and OFF delay,
with the control contact S. ❸

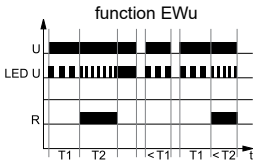


EWs
ON delay
and ON for the set interval,
with the control contact S. ❸

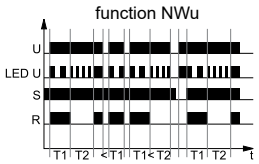


EWu
ON delay
for the set interval. ❸

function EWu



function NWu

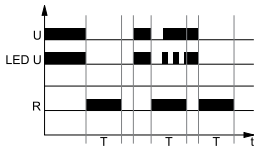


EWu + NWu
ON delay for the set interval (EWu) or switching ON for the set
interval-switching OFF for the set interval-continuous ON (NWu),
with the control contact S. ❸

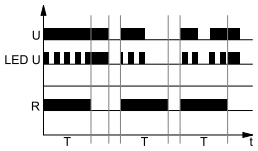
❶ Staircase timers - mode "Extra Time" ❷ Time T measuring stop by contact S ❸ Independently adjustment times T1 and T2

U - supply voltage; **R** - output state of the relay; **S** - control contact state; **T, T1, T2, T3** - measured times; **t** - time axis

NOTE: the diagrams are of general information, and detailed performance descriptions are specified in catalog cards of time relays - see www.relpol.com.pl

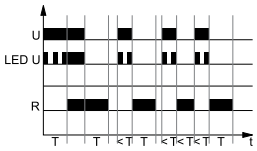


nWa
Maintained single shot trailing edge.

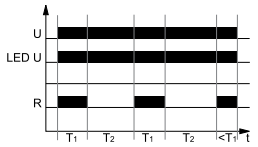


nWu
Maintained single shot leading edge.

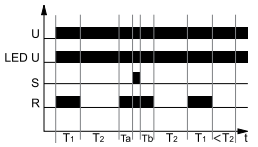
nWuWa
Maintained single shot leading and trailing edge.



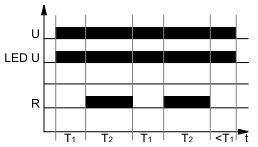
nWs
Latching ON delay.



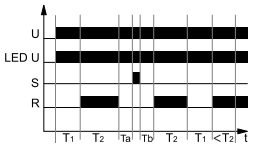
Pi
Cyclical operation, pulse first. ❸ ❹



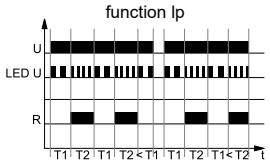
Pi(S)
Cyclical operation, pulse first, with the control contact S. ❸ ❹

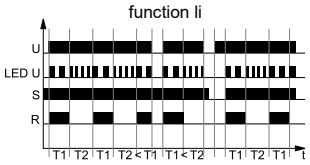


Pp
Cyclical operation, pause first. ❸ ❹

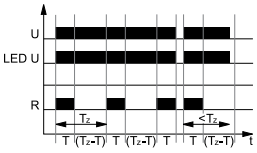


Pp(S)
Cyclical operation, pause first, with the control contact S. ❸ ❹

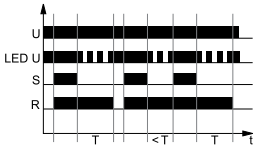




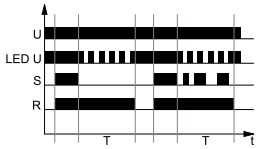
Ii + Ip
Cyclical operation, pulse first (Ii) or pause first (Ip), with the control contact S. ❸



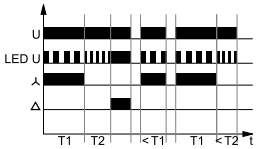
PWM
Pulse width modulation. ❺



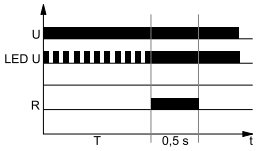
R
OFF delay, with the control contact S. ❶



Ra
OFF delay, with the control contact S, without the interval T extension.

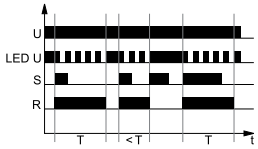


SD
Star-Delta start-up. ❸

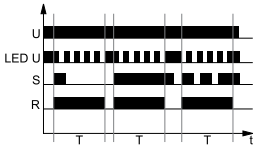


T
Generation of the 0,5 s pulse after the interval T.

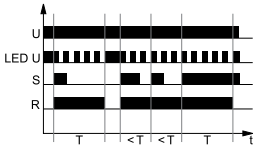
Wa
ON for the set interval, with the control contact S.



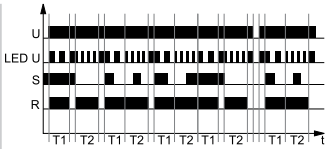
Wi
ON for the set interval, with the control contact S. ❻ ❶



Ws
Single shot for the set interval, with the control contact S.

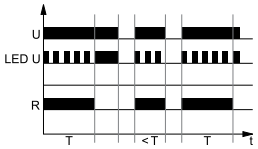


Wst
ON for the set interval, with the control contact S, with the interval T extension.



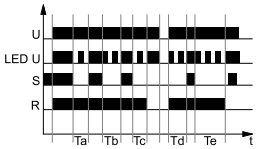
WsWa
ON for the set intervals, with the control contact S. ❸

Wt
Monitoring of the sequence of pulses, switching on extended with contact S. ❸



Wu
ON for the set interval.

Wu(R)
ON for the set interval, with the Reset function.



Wu(S)
ON for the set interval. ❷

OFF	**ON**	**ON / OFF**
Stable OFF.	Stable ON.	Stable ON / OFF.

❶ Staircase switches - mode "Extra Time" ❷ Time T measuring stop by contact S ❸ Independently adjustment times T1 and T2
❹ Turninig on or omitting T3 time ❺ Tz - value of the set interval ❻ Function of switching off the relay R prior the interval T

U - supply voltage; **R** - output state of the relay; **S** - control contact state; **T, T1, T2, T3** - measured times; **t** - time axis