

Delay functions

E On delay

 S ⇒ R on with delay
 S OFF ⇒ R off

A Off delay

 S ⇒ R on
 S OFF ⇒ R off with delay

F On and off delay

 S ⇒ R on with delay (t₁)
 S OFF ⇒ R off with delay (t₂)

Shot timing modes

W One shot leading edge

 S ⇒ R on for t
 S OFF ⇒ R off (pulse clipping)

N One shot trailing edge

 S OFF ⇒ R on for t
 S on for t ⇒ R off

Q One shot leading and trailing edge

 S ⇒ R on for t₁
 S OFF ⇒ R on for t₂
 S OFF off for t₁ ⇒ R off

Puls shaping

K Puls shaping

 S (pulse or continuous contact) ⇒ R on for t
 S .. no influence on R and t

L Pulse shaping, retrigger (subsequ.time operation from 0)

 S (pulse or continuous contact) ⇒ R on for t
 S on for t = t_{RESET}

M Puls shaping

 S OFF ⇒ R on for t
 S .. no influence on R and t

Blinker functions

B Blinker, pulse start

 S ⇒ R on/off periodically according to t
 S OFF ⇒ R off

B₁ Blinker, pulse start, trailing pulse

 S ⇒ R on/off periodically according to t
 S OFF: last pulse = t

B₂ Blinker, interval start

 S ⇒ R after t on/off periodically according to t
 S OFF ⇒ R off

Delayed pulse

G On delay single shot

 S (pulse or continuous contact) ⇒ R after t₁ on for t₂
 S .. no influence on R and t

H On delay single shot

 S ⇒ R after t₁ on for t₂
 S OFF ⇒ R off

Repeat cycle timer

I Repeat cycle timer, pulse start

 S ⇒ R on/off periodically according to t₁ and t₂
 S OFF ⇒ R off

P Repeat cycle timer, interval start C55, CT1: $\frac{t_2}{t_1}$

 S ⇒ R after t₁ (t₂) on/off periodically according to t₂ and t₁
 S OFF ⇒ R off

Special functions

Y Star-delta timer

 S ⇒ R on for t
 R OFF ⇒ Δ on with delay for t Δ
 S OFF ⇒ Δ off

X₁ Restart delay

 S ⇒ R on
 S OFF ⇒ R off and starts t
 S ⇒ R restart only after t

Special functions

S Step-on / Step-off switch

 S ⇒ R on/off

LS Step-switching (staircase lighting timer), with time lapse

 S ⇒ R on and starts t
 S on for t ⇒ R off

Stop / Reset

tSTOP SSTOP interrupts t (t-addition) **T** t is stopped ⇒ R on/off

tRESET SRESET reset t t restarts immediately **T** Test

S = Triggering
 R = Output circuit
 ⇒ = switches...

Pulse sequence monitoring

U
 S1/S2
 P (t_p)
 t_A t_V R

V
 S1/S2
 P (t_p)
 t_A t_V R

S1/S2 = Monitoring start
 P = Pulse sequence
 t_p = Pulse separation

≤: Pulse separation is **smaller** than the time t_p
 >: Pulse separation is **larger** than the time t_p

Start with S1 = **without** start-up short-out t_A
 Start with S2 = start-up short-out t_A

t_V = settable alarm delay (t_A = t_V)

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