

## 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 (t<sub>1</sub>)  
S OFF ⇒ R off with delay (t<sub>2</sub>)

## 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 t<sub>1</sub>  
S OFF ⇒ R on for t<sub>2</sub>  
S OFF off for t<sub>1</sub> ⇒ 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 = tRESET

**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 t<sub>1</sub> on for t<sub>2</sub>  
S .. no influence on R and t

**H On delay single shot**

S ⇒ R after t<sub>1</sub> on for t<sub>2</sub>  
S OFF ⇒ R off

## Repeat cycle timer

**I Repeat cycle timer, pulse start**

S ⇒ R on/off periodically according to t<sub>1</sub> and t<sub>2</sub>  
S OFF ⇒ R off

**P Repeat cycle timer, interval start**

S ⇒ R after t<sub>1</sub> (t<sub>2</sub>) on/off periodically according to t<sub>2</sub> and t<sub>1</sub>  
S OFF ⇒ R off

**C55, CT1:  $\frac{t_2}{t_1}$**

## Special functions

**Y Star-delta timer**

S ⇒ R on for t  
R OFF ⇒ Δ on with delay for tΔ  
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...  
ON OFF

## Pulse sequence monitoring

**U** S1/S2 P (tp)

**V** S1/S2 P (tp)

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

≤: Pulse separation is **smaller** than the time tp      Start with S1 = **without** start-up short-out tA      tv = settable alarm delay (tA = tv)  
>: Pulse separation is **larger** than the time tp      Start with S2 = start-up short-out tA

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