

Delay functions

**E** On delay  
  
 S ⇒ R on with delay  
 SOFF ⇒ R off

**A** Off delay  
  
 S ⇒ R on  
 SOFF ⇒ R off with delay

**F** On and off delay  
  
 S ⇒ R on with delay (t1)  
 SOFF ⇒ R off with delay (t2)

Shot timing modes

**W** One shot leading edge  
  
 S ⇒ R on for t  
 SOFF ⇒ R off  
 (pulse clipping)

**N** One shot trailing edge  
  
 SOFF ⇒ R on for t  
 S on for t ⇒ R off

**Q** One shot leading and trailing edge  
  
 S ⇒ R on for t1  
 SOFF ⇒ R on for t2  
 SOFF off for t1 ⇒ R off

Pulse shaping

**K** Pulse 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** Pulse shaping  
  
 SOFF ⇒ 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  
 SOFF ⇒ R off

**B1** Blinker, pulse start, trailing pulse  
  
 S ⇒ R on/off periodically according to t  
 SOFF: last pulse = t

**B2** Blinker, interval start  
  
 S ⇒ R after t on/off periodically according to t  
 SOFF ⇒ 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  
 SOFF ⇒ R off

Repeat cycle timer

**I** Repeat cycle timer, pulse start  
  
 S ⇒ R on/off periodically according to t1 and t2  
 SOFF ⇒ R off

**P** Repeat cycle timer, interval start **C55, CT1:  $t_2 \sqrt{t_1}$**   
  
 S ⇒ R after t1 (t2) on/off periodically according to t2 and t1  
 SOFF ⇒ R off

Special functions

**Y** Star-delta timer  
  
 S ⇒  $\lambda$  on for t  
 $\lambda$  OFF ⇒  $\Delta$  on with delay for t  
 SOFF ⇒  $\Delta$  off

**X1** Restart delay  
  
 S ⇒ R on.  
 SOFF ⇒ 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** S<sub>STOP</sub> interrupts t (t-addition)    **T** t is stopped ⇒ R on/off

**tRESET** S<sub>RESET</sub> resets t t restarts immediately    **T** Test

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

Pulse sequence monitoring

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

**V**   
 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 = with start-up short-out tA





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**Notes:**

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