

Delay functions

E On delay

 $S \Rightarrow R$ on with delay
 $SOFF \Rightarrow R$ off

A Off delay

 $S \Rightarrow R$ on
 $SOFF \Rightarrow R$ off with delay

F On and off delay

 $S \Rightarrow R$ on with delay (t_1)
 $SOFF \Rightarrow R$ off with delay (t_2)

Shot timing modes

W One shot leading edge

 $S \Rightarrow R$ on for t
 $SOFF \Rightarrow R$ off
 (pulse clipping)

N One shot trailing edge

 $SOFF \Rightarrow R$ on for t
 S on for $t \Rightarrow R$ off

Q One shot leading and trailing edge

 $S \Rightarrow R$ on for t_1
 $SOFF \Rightarrow R$ on for t_2
 $SOFF$ off for $t_1 \Rightarrow R$ off

Pulse shaping

K Pulse shaping

 S (pulse or continuous contact) $\Rightarrow R$ on for t
 S -- no influence on R and t

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

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

M Pulse shaping

 $SOFF \Rightarrow R$ on for t
 S -- no influence on R and t

Blinker functions

B Blinker, pulse start

 $S \Rightarrow R$ on/off periodically according to t
 $SOFF \Rightarrow R$ off

B1 Blinker, pulse start, trailing pulse

 $S \Rightarrow R$ on/off periodically according to t
 $SOFF$: last pulse = t

B2 Blinker, interval start

 $S \Rightarrow R$ after t on/off periodically according to t
 $SOFF \Rightarrow R$ off

Delayed pulse

G On delay single shot

 S (pulse or continuous contact) $\Rightarrow R$ after t_1 on for t_2
 S -- no influence on R and t

H On delay single shot

 $S \Rightarrow R$ after t_1 on for t_2
 $SOFF \Rightarrow R$ off

Repeat cycle timer

I Repeat cycle timer, pulse start

 $S \Rightarrow R$ on/off periodically according to t_1 and t_2
 $SOFF \Rightarrow R$ off

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

 $S \Rightarrow R$ after t_1 (t_2) on/off periodically according to t_2 and t_1
 $SOFF \Rightarrow R$ off

Special functions

Y Star-delta timer

 $S \Rightarrow \lambda$ on for t
 $\lambda OFF \Rightarrow \Delta$ on with delay for $t, \lambda - \Delta$
 $SOFF \Rightarrow \Delta$ off

X1 Restart delay

 $S \Rightarrow R$ on.
 $SOFF \Rightarrow R$ off and starts t .
 $S \Rightarrow R$ restart only after t .

Special functions

S Step-on/Step-off switch

 $S \Rightarrow R$ on/off

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

 $S \Rightarrow R$ on and starts t .
 S on for $t \Rightarrow R$ off.

Stop/Reset

tSTOP S_{STOP} interrupts t (t-addition) **T** t is stopped $\Rightarrow R$ on/off

tRESET S_{RESET} resets t t restarts immediately **T** Test

S = Triggering
 R = Output circuit
 \Rightarrow = switches...

Pulse sequence monitoring

U
 S_1/S_2
 $P (t_p)$
 R

V
 S_1/S_2
 $P (t_p)$
 R

S_1/S_2 = Monitoring start
 P = Pulse sequence
 t_p = Pulse separation

\leq : Pulse separation is smaller than the time t_p Start with S_1 = without start-up short-out t_A
 $>$: Pulse separation is larger than the time t_p Start with S_2 = with start-up short-out t_A t_v = settable alarm delay ($t_A = t_v$)



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Notes:

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