

FA-50

Transparent front cover

General data

Ambient temperature storage	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Module width	fig. 1
Weight	5 g
Housing material	PC

Product references

Types	Product reference
Transparent front cover	FA-50

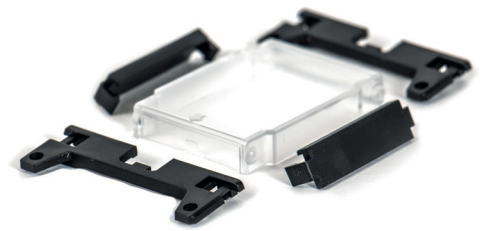
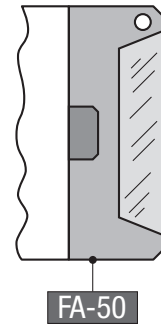


fig. 1. Dimensions (mm)



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 ⇒ Δ on for t
Δ_{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
tRESET SRESET reset t t restarts immediately	T Test

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



Pulse sequence monitoring

U

S1/S2
P (tp)
R

V

S1/S2
P (tp)
R

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

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

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

tv = settable alarm delay
delay (tA = tv)

