

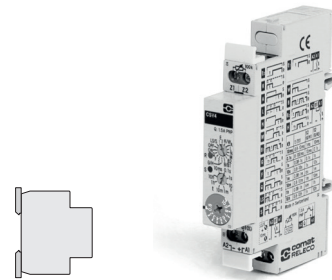
CSV4

Multifunction | 12 ... 36 V DC | 1 MOSFET | External potentiometer



Time data

Timing functions	fig. 1 1: E 2: E, A, K, N, M, B1, F, G, Q, L, S, LS 3: W, B, B2, H
Timing range	t (t1) 0.8 ms ... 10 ms / 8 ms ... 100 ms / 80 ms ... 1 s / 0.8 s ... 10 s / 5 s ... 1 min / 0.8 min ... 10 min / 8 min ... 1 h / 0.8 h ... 10 h t2 (G/H 1) 1 ms / 10 ms / 0.1 s / 1 s / 6 s / 1 min / 6 min / 1 h t2 (G/H 2) 10 ms / 0.1 s / 1 s / 10 s / 1 min / 10 min / 1 h / 10 h
Timing scale	0.1 s / 1 s / 10 s / 1 min / 10 min / 1 h / 10 h



Main circuit

Number of outputs	1 NO
Output type	MOSFET
Output voltage range	10.2 ... 45 V (Potential of A1)
Rated current	1.5 A
Minimum load	1 mA, 10.2 V
Inrush current	4 A, 100 ms
Typ. leakage current	10 µA
Mechanical endurance (cycles)	∞
Electrical endurance at rated load DC-1 (cycles)	∞

Control circuit

Nominal voltage	12 ... 36 V DC
Operating voltage range	10.2 ... 45 V DC
Power consumption AC / DC	- / 0.2 W
Current consumption on supply A1-A2 AC / DC	- / 8 mA
Current consumption on input control B1 AC / DC	- / 4 mA
Threshold voltage on input control B1 AC / DC	- / 7.3 V
Rated frequency	DC

Insulation

Rated test voltage control / main circuit	2 kV rms / 1 min
Pollution degree	2
Overvoltage category	III

General data

Ambient temperature storage (no ice)	-40 ... 85 °C
Ambient temperature operation	-40 ... 70 °C
Conductor cross section	2.5 mm ² , 2 x 1 mm ²
Nominal screw torque	0.6 Nm
Dimensions	fig. 2
Weight	50 g
Protection degree	IP 20
Housing material	PC

Product reference

Description	Type	12-36
DC supply	CSV4/DC...V	✓

Other voltages on request. Please contact support@comatreleco.com.
«...» list control circuit voltage to complete product references.

Accessories

External potentiometer	SP-01/100K
------------------------	------------

fig. 1. Wiring diagram

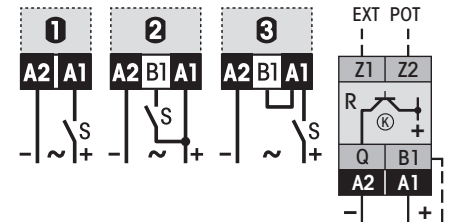
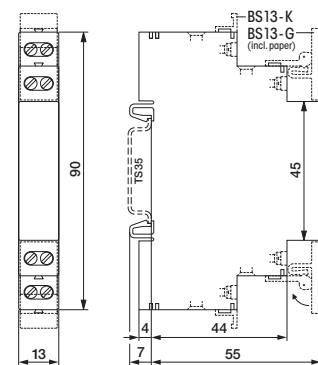


fig. 2. Dimensions (mm)

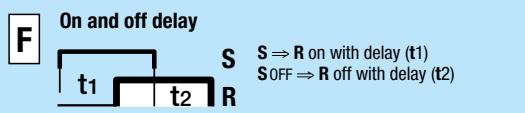
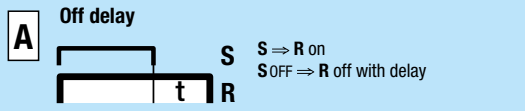
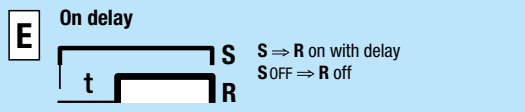


Standards and approvals

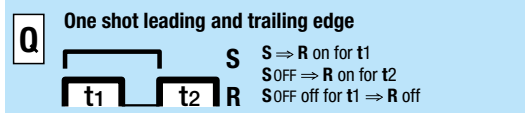
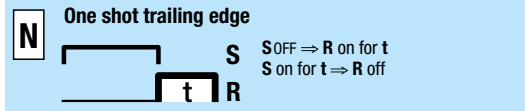
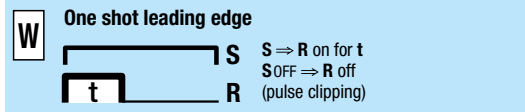
Standards IEC/EN 60947



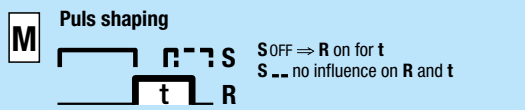
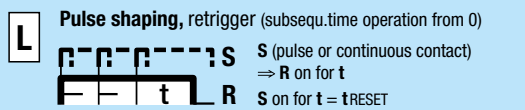
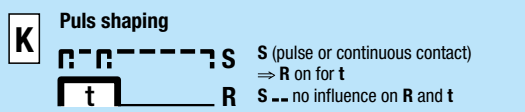
Delay functions



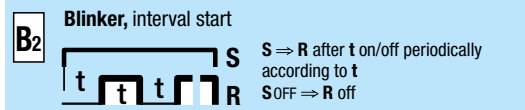
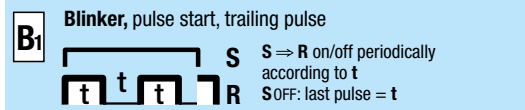
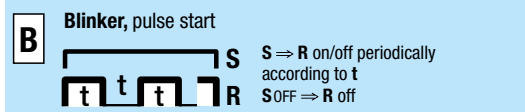
Shot timing modes



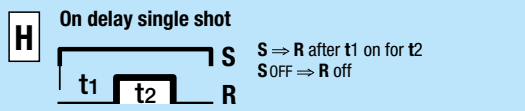
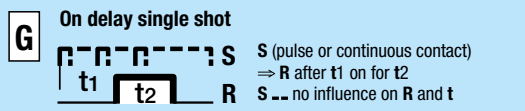
Puls shaping



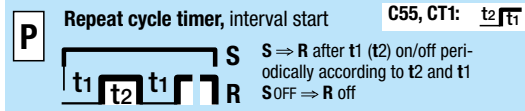
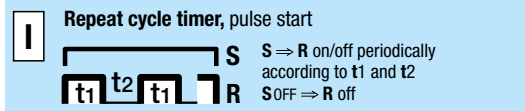
Blinker functions



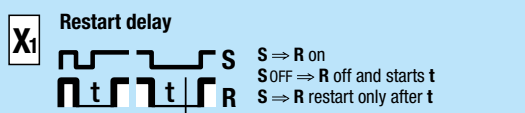
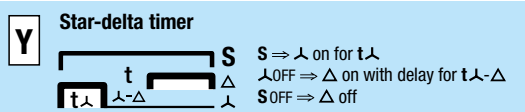
Delayed pulse



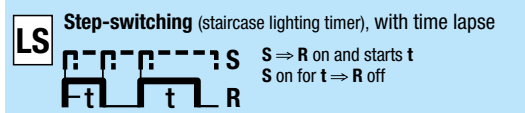
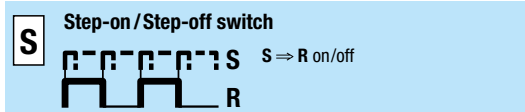
Repeat cycle timer



Special functions



Special functions



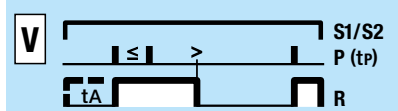
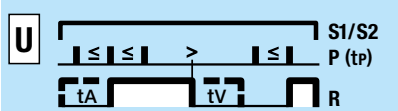
Stop / Reset



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



Pulse sequence monitoring



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 t_A
Start with S2 = start-up short-out t_A

t_v = settable alarm delay
delay (t_A = t_v)

