

### C55.4

#### Multifunction | 24 V DC | 1 MOSFET

#### Time data

Timing functions	fig. 1 2: E, A, K, W, H, N, M, B, G, F, Q, I, P 3: E, W, H, B, I, P 4: U, V
Timing range	0.01 s ... 60 d
Timing scale	digital

#### Main circuit

Number of outputs	1 NO
Output type	MOSFET
Output voltage range	19 ... 30 V
Rated current	2 A
Minimum load	1 mA, 5 V
Inrush current	40 A, 150 us
Mechanical endurance (cycles)	∞
Electrical endurance at rated load AC-1 (cycles)	∞

#### Control circuit

Nominal voltage	24 V DC
Operating voltage range	19 ... 30 V DC
Power consumption AC / DC	- / 300 mW
Current consumption on supply A1-A2 AC / DC	- / 80 mA
Current consumption on input control B1 AC / DC	- / 5.5 mA
Threshold voltage on input control B1 AC / DC	- / 10 V
Rated frequency	DC

#### Insulation

Pollution degree	2
Overtoltage category	III

#### General data

Ambient temperature storage (no ice)	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Dimensions	fig. 2
Weight	80 g
Protection degree	IP 20
Housing material	PC

#### Product reference

Description	Type	24
DC supply	C55.4/DC...V	✓

Other voltages on request. Please contact support@comatreleco.com.

«...» list control circuit voltage to complete product references.

#### Accessories

Socket	S3-M
Retaining clip	HF-50
Frontpanel mounting set	FZ-50L



fig. 1. Wiring diagram

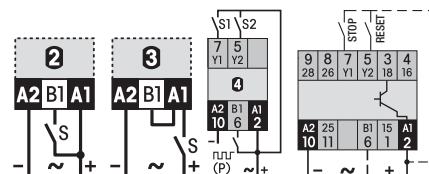
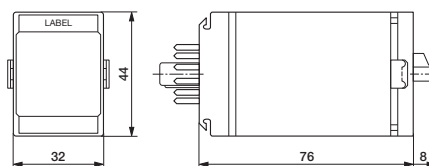


fig. 2. Dimensions (mm)

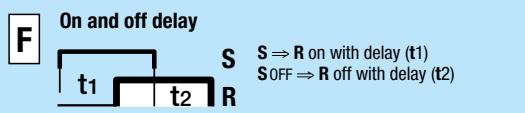
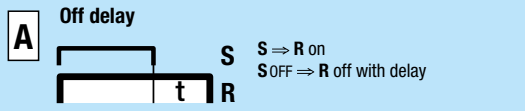
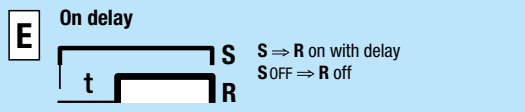


#### Standards and approvals

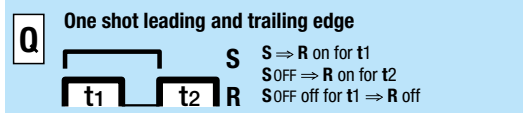
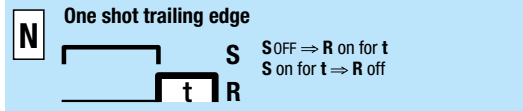
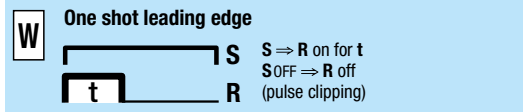
Standards IEC/EN 60947

Approvals

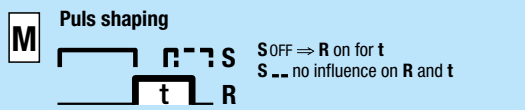
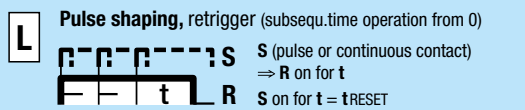
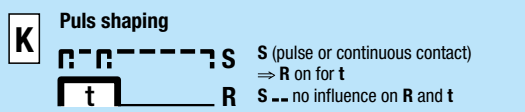
## Delay functions



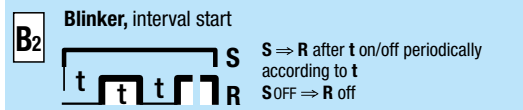
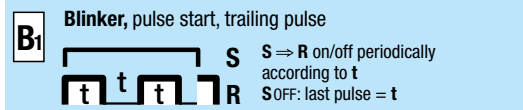
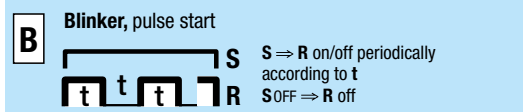
## Shot timing modes



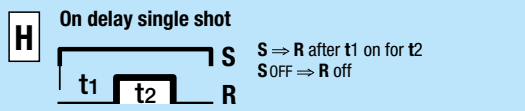
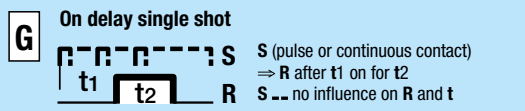
## Puls shaping



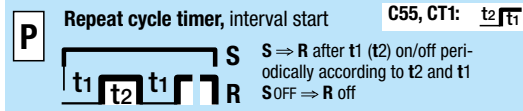
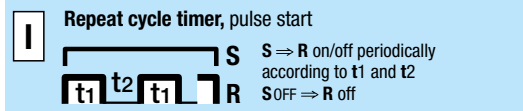
## Blinker functions



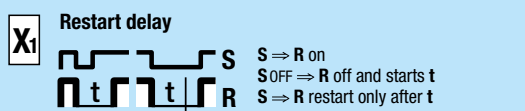
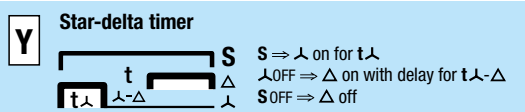
## Delayed pulse



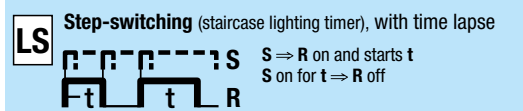
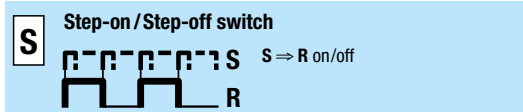
## Repeat cycle timer



## Special functions



## Special functions



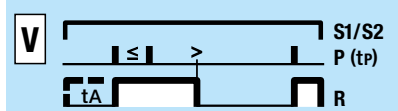
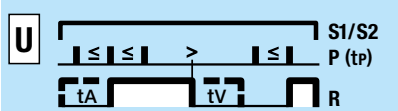
## Stop / Reset



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<sub>A</sub>  
Start with S2 = start-up short-out t<sub>A</sub>

t<sub>v</sub> = settable alarm delay  
delay (t<sub>A</sub> = t<sub>v</sub>)

