

C55.3

Multifunction | 24 ... 60 V UC | 110 ... 240 V UC | 1 Mosfet AC and DC

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	➊ Mosfet AC and DC
Output voltage range	10 ... 265 V
Rated current	0.5 A
Minimum load	1 mA, 10 V
Inrush current	6 A, 2 us
Rated load AC-1	132 VA
Mechanical endurance (cycles)	∞
Electrical endurance at rated load AC-1 (cycles)	∞
Electrical endurance at rated load DC-1 (cycles)	∞

Control circuit

Nominal voltage	24 ... 60 V UC	110 ... 240 V UC
Operating voltage range	19 ... 75 V	88 ... 265 V
Power consumption AC / DC	2 VA / 2 W	
Typ. input current on command input AC / DC	6.3 / 6.3 mA	4.2 / 4.2 mA
Typ. threshold voltage on command input AC / DC	10 V / 10 V	40 V / 40 V
Rated frequency	48 ... 400 Hz	48 ... 400 Hz

Insulation

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

General data

Ambient temperature storage	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Module width	fig. 2
Weight	80 g
Protection degree	IP 20
Housing material	PC

Product references

Types	Product reference	24-60	110-240
UC supply	C55.3/UC...V	✓	✓

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

Accessories

Sockets	S3-M
Retaining clip	HF-50
Transparent front cover	FA-50
Front panel mounting set	FZ-50L



fig. 1. Wiring diagram

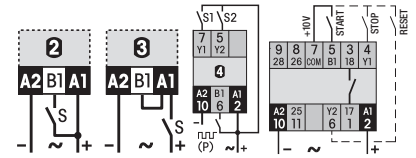
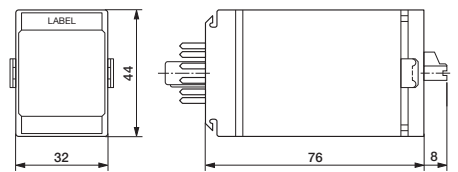


fig. 2. Dimensions (mm)

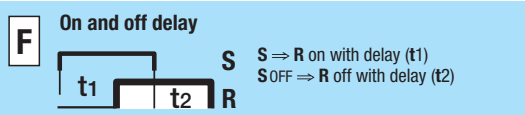
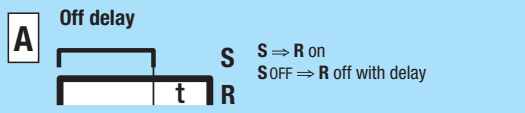
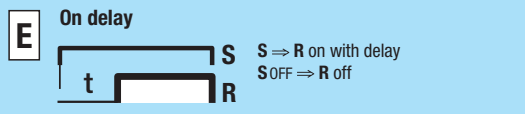


Standards and approvals

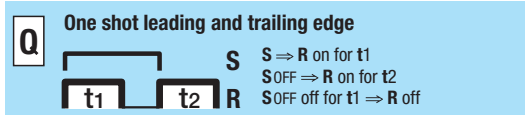
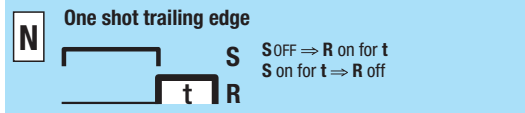
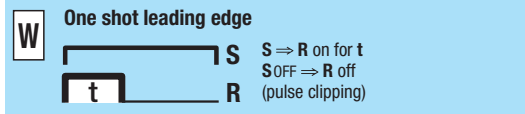
Standards IEC/EN 60947

Approvals

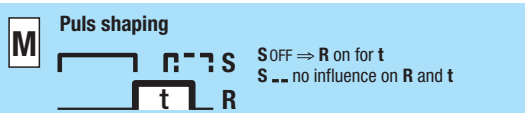
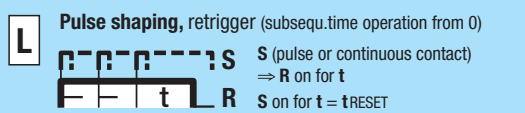
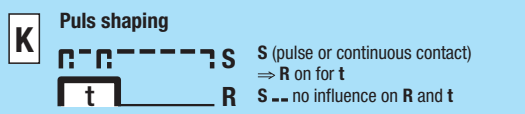
Delay functions



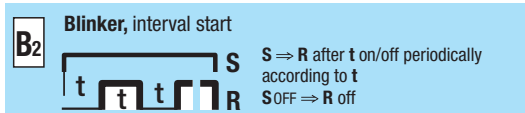
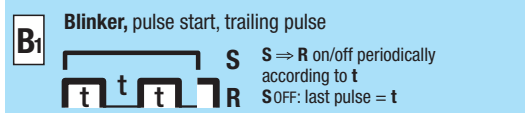
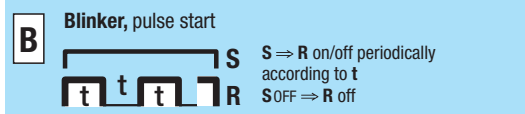
Shot timing modes



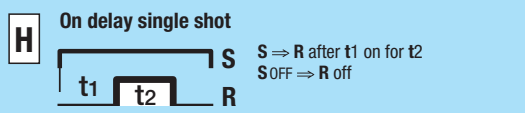
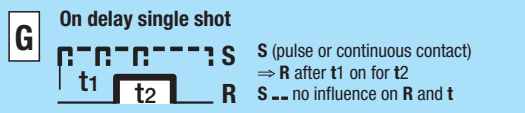
Puls shaping



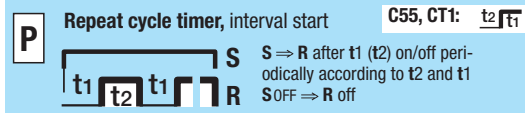
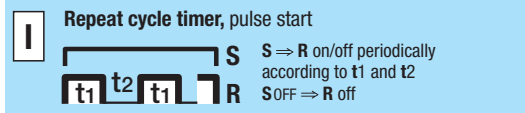
Blinker functions



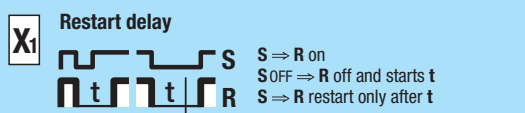
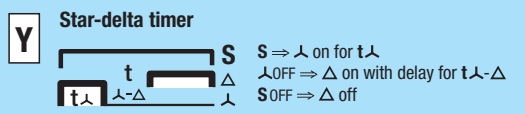
Delayed pulse



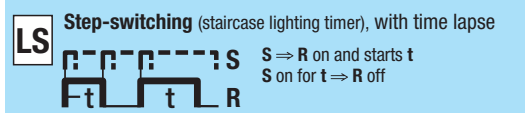
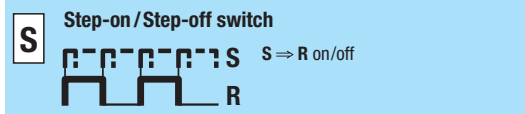
Repeat cycle timer



Special functions



Special functions



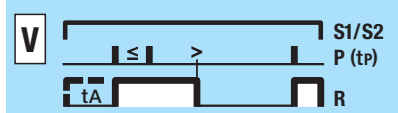
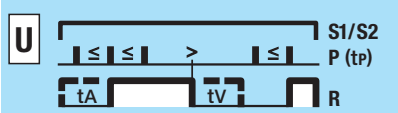
Stop/Reset



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

tv = settable alarm delay
delay (tA = tv)

