

# C64

Multifunction | 24 ... 60 V AC / DC | 110 ... 240 V AC / DC | 2 CO



## Time data

Timing functions	A, N ( Off delay without control voltage )
Timing range	0.1 s ... 1.2 s / 1 s ... 12 s / 10 s ... 120 s / 1.7 min ... 20 min
Timing scale	1.2 s / 12 s / 120 s / 20 min

## Main circuit

Number of contacts	2 CO
Available contact materials	AgNi
Rated voltage	250 V
Rated current	5 A
Minimum load	10 mA, 12 V
Inrush current	10 A, 10 ms
Rated load DC	fig. 3
Rated load AC-1	1,250 VA
Mechanical endurance (cycles)	5 000 000
Electrical endurance at rated load AC-1 (cycles)	fig. 2

## Control circuit

Nominal voltage	24 ... 60 V AC / DC	110 ... 240 V AC / DC
Operating voltage range	20 ... 75 V AC / DC	88 ... 265 V AC / DC
Power consumption AC / DC	0.9 VA / 0.9 W	1.2 VA / 1.2 W
Current consumption on supply A1-A2 AC / DC	15 mA / 15 mA	5 mA / 5 mA
Frequency range	0; 50 ... 400 Hz	0; 50 ... 400 Hz

## Insulation

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

## General data

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-25 ... 60 °C
Dimensions	fig. 4
Weight	75 g
Ingress Protection	IP 20
Housing material	PC

## Product references

Description	Type	24-60	110-240
AC / DC supply	C64/UC...V	✓	✓

Other voltages on request. Please contact support@comatreleco.com.  
«...» List coil voltage to complete product references

## Accessories

Socket	S3-M
Retaining spring, steel	HF-50 (BAG 10 PCS)



fig. 1. Wiring diagram

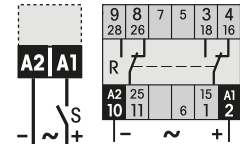


fig. 2. AC voltage endurance

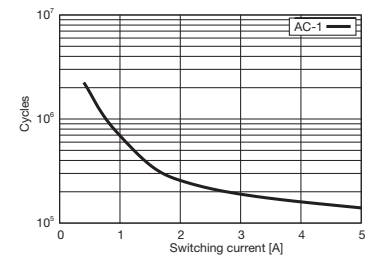


fig. 3. DC load limit curve

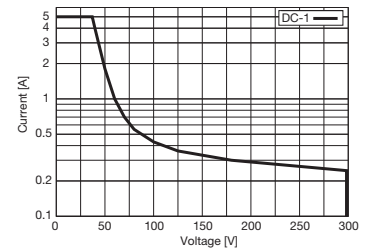
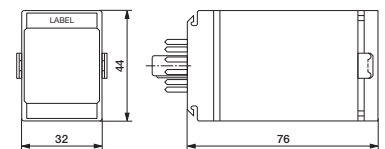


fig. 4. Dimensions (mm)

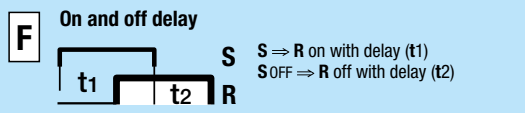
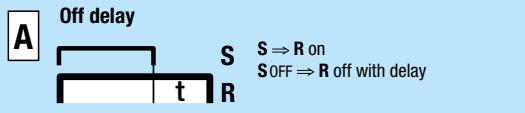
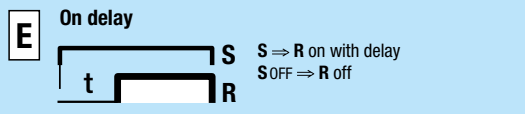


## Technical approvals, conformities

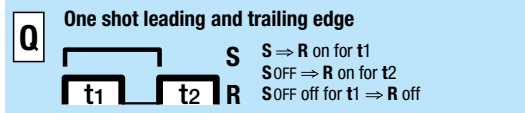
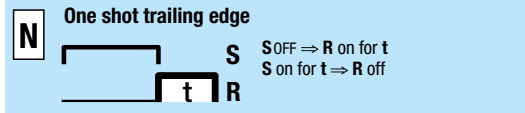
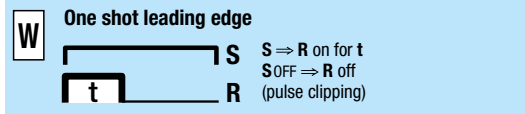
Standards IEC/EN 60947

Approvals

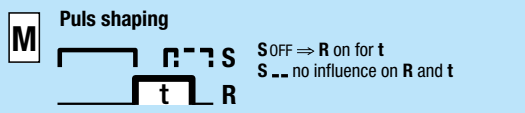
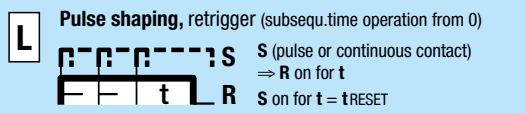
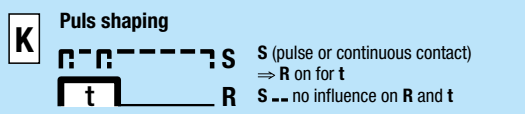
## Delay functions



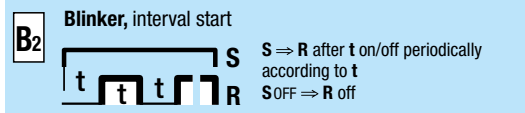
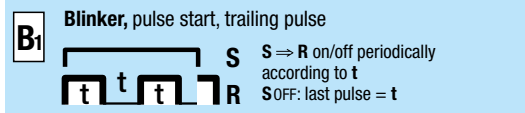
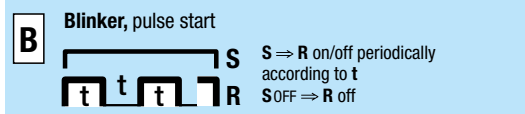
## Shot timing modes



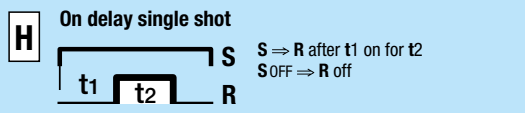
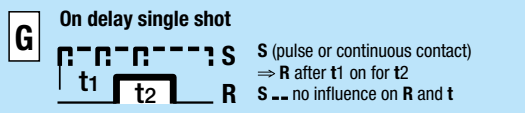
## Puls shaping



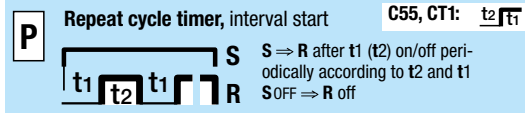
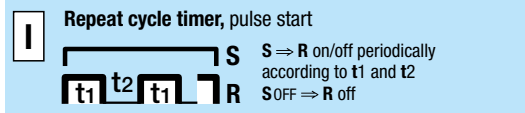
## Blinker functions



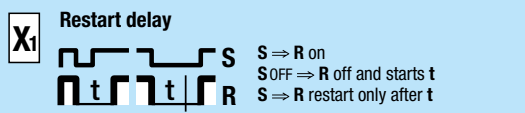
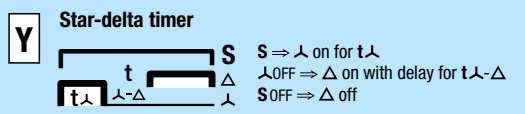
## Delayed pulse



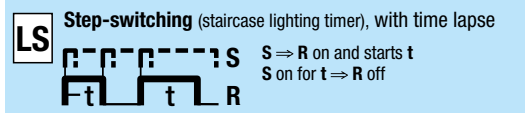
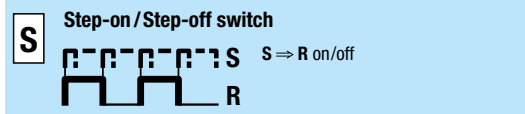
## Repeat cycle timer



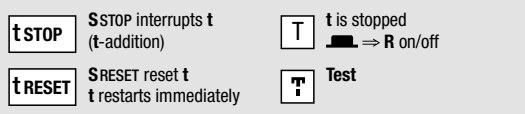
## Special functions



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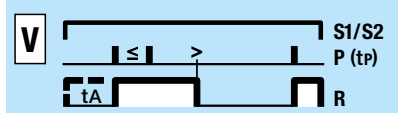
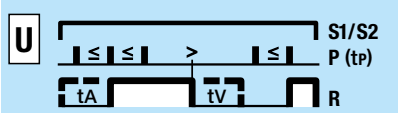
## Stop / Reset



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)

