## Single function | multivoltage

Time data
Timing functions
Timing range

Timing scale

## Control circuit

Nominal voltage
Operating voltage range
Power consumption AC / DC
Current consumption on supply A1-A2 AC / DC
Current consumption on input control B1 AC / DC
Threshold voltage on input control B1 AC / DC
Rated frequency

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## General data

| Ambient temperature storage (no ice) | $-40 \ldots 85^{\circ} \mathrm{C}$ |
| :--- | :--- |
| Ambient temperature operation | $-25 \ldots 60^{\circ} \mathrm{C}$ |
| Conductor cross section | $2.5 \mathrm{~mm}^{2}$ |
| Nominal screw torque | 0.5 Nm |
| Dimensions | fig. 2 |
| Weight | 35 g |
| Protection degree | IP 20 |
| Housing material | PC |

Product reference

| Description | Type | S DC9.5-18 | L UC20-65 | M 90-150 | U 180-265 | H 90-265 |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Off delay | CT2-A30/...V | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |
| Blinker | CT2-B30/...V | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ |
| On delay | CT2-E30/..V | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ |
| Pulse shaping, one shot | CT2-K30/..V | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |

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

| Accessories |  |
| :--- | :--- |
| Socket | S2-B, S2-P0 |
| Retaining clip | HF-33 |


fig. 1. Wiring diagram

fig. 2. Dimensions (mm)


## Standards and approvals

Standards IEC/EN 60947
Approvals
C ${ }_{c}$ cil

## Delay functions



A
On and off delay


Puls shaping


L
Pulse shaping, retrigger (subsequ.time operation from 0)


M
Puls shaping


Delayed pulse


On delay single shot


H
On delay single shot

$\mathbf{S} \Rightarrow \mathbf{R}$ after $\mathbf{t} 1$ on for t2
$\mathbf{S}$ OFF $\Rightarrow \mathbf{R}$ off

## Special functions

$\mathbf{Y}$
Star-delta timer


Restart delay


## Shot timing modes

## One shot leading edge



One shot trailing edge


One shot leading and trailing edge


## Blinker functions

B
Blinker, pulse start


## Blinker, pulse start, trailing pulse



| S | $\underline{S \rightarrow R} \mathbf{R}$ on/off periodically |
| :---: | :---: |
| t trthr | SofF: last pulse = t |

## Blinker, interval start

$B_{2}$

| $\sqrt{t} t \prod_{R}^{S}$ | $\mathbf{S} \Rightarrow \mathbf{R}$ after $\mathbf{t}$ on/off periodic according to t $\mathbf{S O F F} \Rightarrow \mathrm{R}$ off |
| :---: | :---: |

## Repeat cycle timer

1
Repeat cycle timer, pulse start

-


Repeat cycle timer, interval start C55, CT1: $\quad \mathrm{t} 2 \sqrt{11}$


## Special functions



Step-switching (staircase lighting timer), with time lapse

$\mathbf{S}=$ Triggering R = Output circuit $\Rightarrow=$ switches..
$\mathrm{F}_{\mathrm{ON}} \mathrm{N}_{\text {OFF }}$

Pulse sequence monitoring



