

CT32R

Multifunction | 24 ... 48 V UC | 110 V DC



Time data

Timing functions	fig. 1	2: E, A, K, N, B1	3: E, W, B
Timing range		1.5 s / 6 s / 15 s / 60 s / 1.5 min / 6 min / 15 min / 60 min	
Timing scale		0.15 s ... 60 min	

Control circuit

Nominal voltage	24 ... 48 V UC	110 V DC
Operating voltage range	19 ... 60 V	77 ... 138 V
Power consumption AC / DC	0.3 VA / 0.3 W	- / 0.3 W
Typ. threshold voltage on command input AC / DC	9 V	60 V

General data

Ambient temperature storage	-40 ... 85 °C
Ambient temperature operation railway version	-40 ... 70 °C
Module width	fig. 2
Weight	25 g
Protection degree	IP 20
Housing material	PC

Product references

Types	Product reference	24-48 110
DC supply	CT32R/DC...V	✓
UC supply	CT32R/UC...V	✓

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

Accessories

Sockets	S3-M0, S5-M
Transparent front cover	FS-C



fig. 1. Wiring diagram

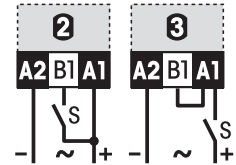
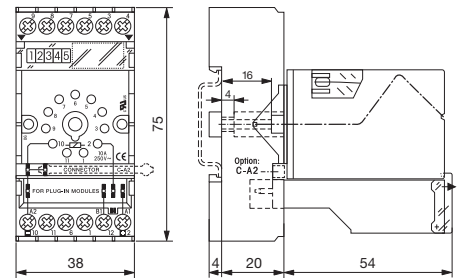


fig. 2. Dimensions (mm)

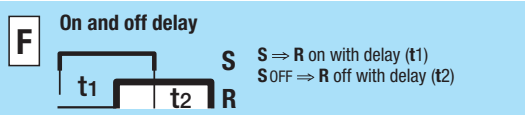
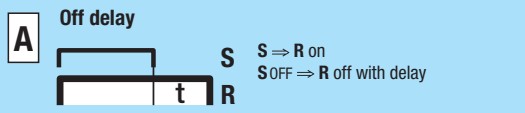
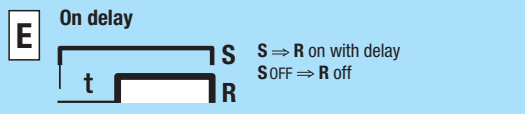


Standards and approvals

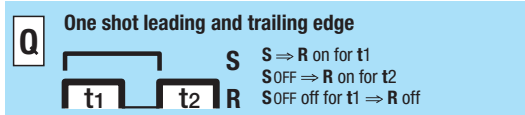
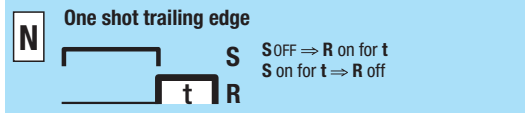
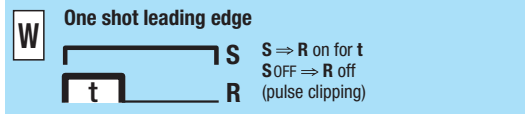
Standards IEC/EN 50155

Approvals

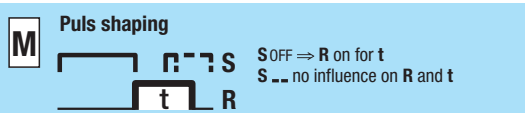
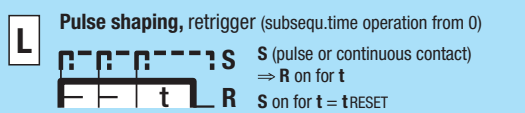
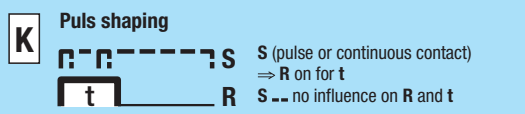
Delay functions



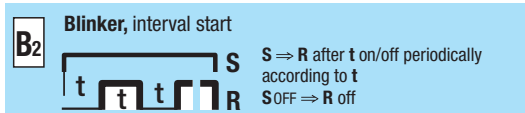
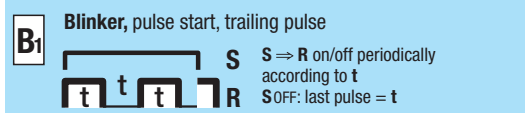
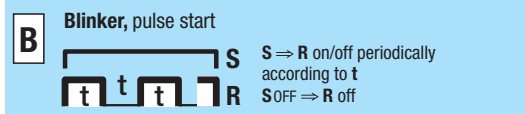
Shot timing modes



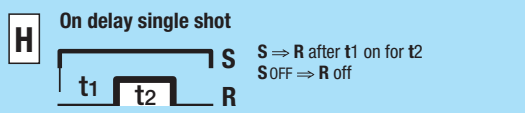
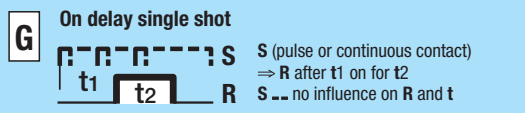
Puls shaping



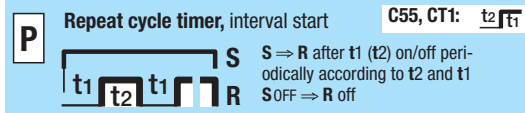
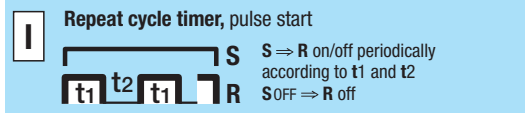
Blinker functions



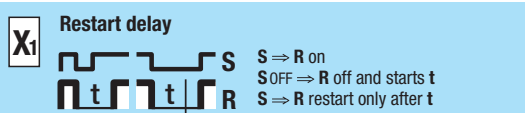
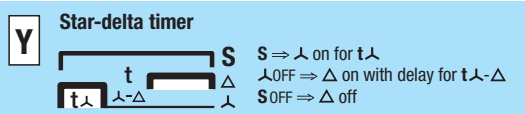
Delayed pulse



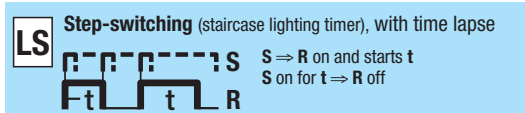
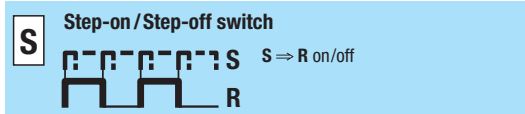
Repeat cycle timer



Special functions



Special functions



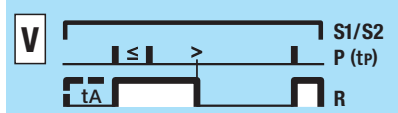
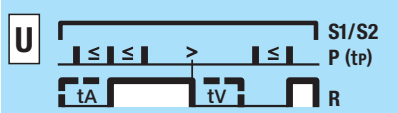
Stop/Reset



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

t_v = settable alarm delay
delay (t_A = t_v)

