

CT33R

Multifunction | 24 ... 48 V UC | 115 V UC | 230 V UC



Time data

Timing functions	fig. 1 2: E, A, K, N, B1, F, G, Q, L 3: E, W, B, H
Timing range	150 ms / 600 ms / 1.5 s / 6 s / 15 s / 60 s / 1.5 min / 6 min / 60 min / 1.5 h / 6 h / 15 h / 60 h
Timing scale	30 ms ... 60 h

Control circuit

Nominal voltage	24 ... 48 V UC	115 V UC	230 V UC
Operating voltage range	19 ... 60 V	90 ... 150 V	180 ... 265 V
Power consumption AC / DC	0.3 VA / 0.3 W	0.5 VA / 0.5 W	1 VA / 1 W
Typ. threshold voltage on command input AC / DC	9 V	60 V	100 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	115	230
UC supply	CT33R/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

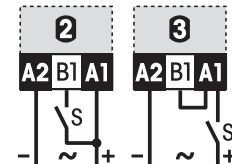
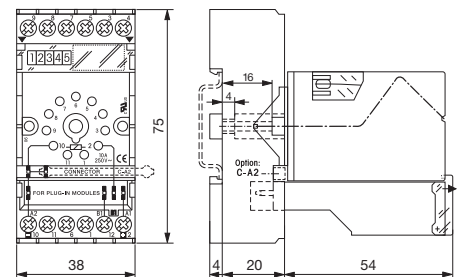


fig. 2. Dimensions (mm)

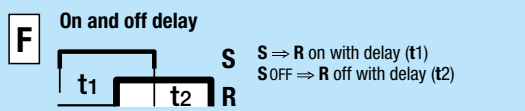
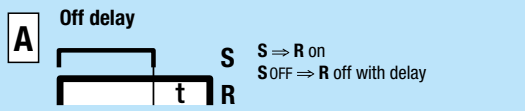
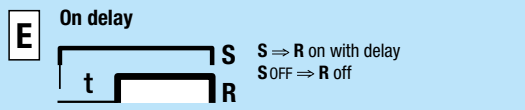


Standards and approvals

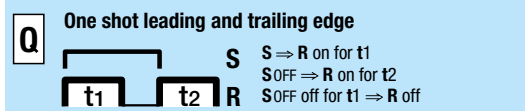
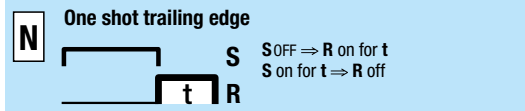
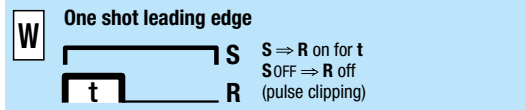
Standards IEC/EN 50155

Approvals

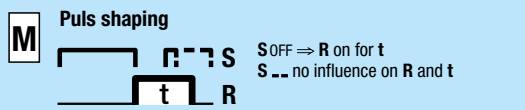
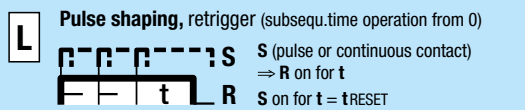
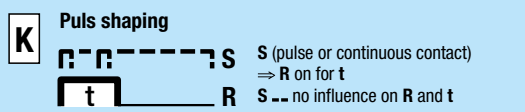
Delay functions



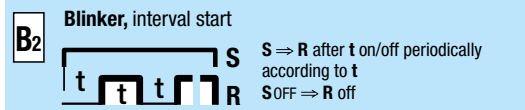
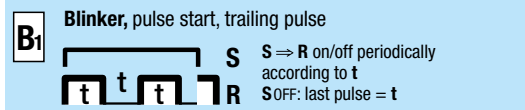
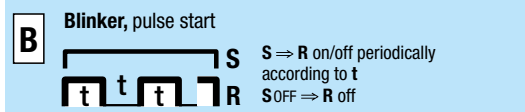
Shot timing modes



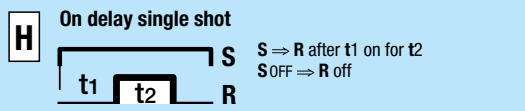
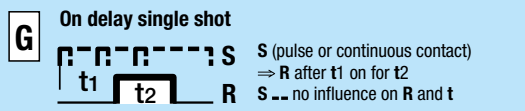
Puls shaping



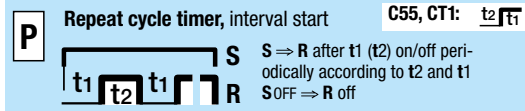
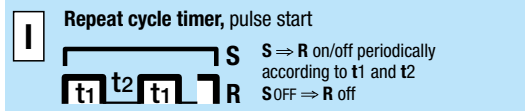
Blinker functions



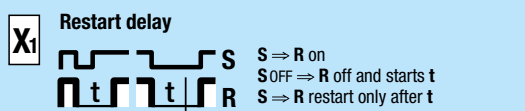
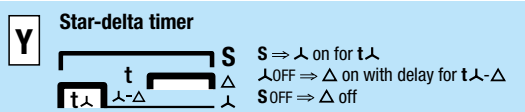
Delayed pulse



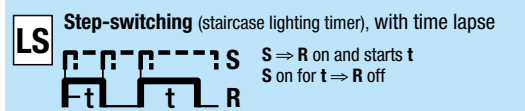
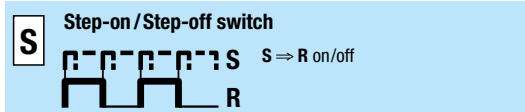
Repeat cycle timer



Special functions



Special functions



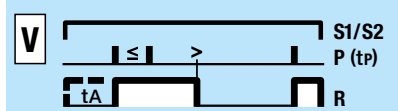
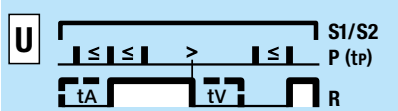
Stop / Reset



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)

