

CT3

Single function | multivoltage

Time data

Timing functions	fig. 1 1: E, B 2: A, K 3: W
Timing range	0.2 s ... 3 s / 2 s ... 30 s / 0.2 min ... 3 min / 2 min ... 30 min
Timing scale	3 s / 30 s / 3 min / 30 min

Control circuit

Nominal voltage	9,5 ... 18 V UC	20 ... 65 V UC
Operating voltage range	9,5 ... 17 V UC	20 ... 65 V UC
Power consumption AC / DC	0.2 VA / 0.4 W	0.4 VA / 0.4 W
Current consumption on supply A1-A2 AC / DC	12 mA / 12 mA	6 mA / 6 mA
Current consumption on input control B1 AC / DC	- / 0.2 mA	0.2 mA / 0.2 mA
Threshold voltage on input control B1 AC / DC	9 V / 9 V	18 V / 18 V
Rated frequency	DC	0; 40 ... 60 Hz

Control circuit

Nominal voltage	90 ... 150 V UC	180 ... 265 V UC
Operating voltage range	80 ... 150 V UC	150 ... 265 V UC
Power consumption AC / DC	0.3 VA / 0.4 W	0.5 VA / 0.5 W
Current consumption on supply A1-A2 AC / DC	2 mA / 2 mA	2 mA / 2 mA
Current consumption on input control B1 AC / DC	0.2 mA / 0.2 mA	0.2 mA / 0.2 mA
Threshold voltage on input control B1 AC / DC	75 V / 75 V	140 V / 140 V
Rated frequency	0; 40 ... 60 Hz	0; 40 ... 60 Hz

Control circuit

Nominal voltage	90 ... 265 V UC
Operating voltage range	90 ... 265 V UC
Power consumption AC / DC	0.5 VA / 0.5 W
Current consumption on supply A1-A2 AC / DC	2 mA / 2 mA
Current consumption on input control B1 AC / DC	0.2 mA / 0.2 mA
Threshold voltage on input control B1 AC / DC	75 V / 75 V
Rated frequency	0; 40 ... 60 Hz

General data

Ambient temperature storage (no ice)	-40 ... 85 °C
Ambient temperature operation	-25 ... 60 °C
Conductor cross section	2.5 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	CT3-A30/...V	✓	✓	✓	✓	
Blinker	CT3-B30/...V	✓	✓			✓
On delay	CT3-E30/...V	✓	✓			✓
Pulse shaping, one shot	CT3-K30/...V	✓	✓	✓	✓	

Other voltages on request. Please contact support@comatreleco.com.

«...» list control circuit voltage to complete product references.

Accessories

Socket	S3-B, S3-M, S3-L
Retaining clip	HF-33

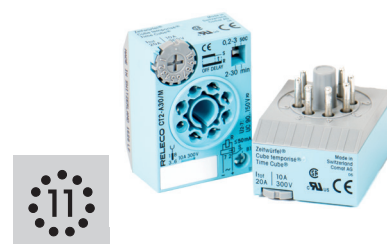


fig. 1. Wiring diagram

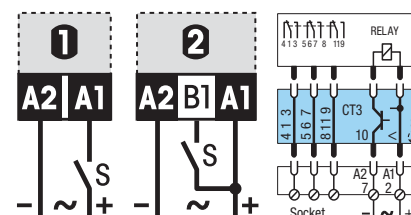
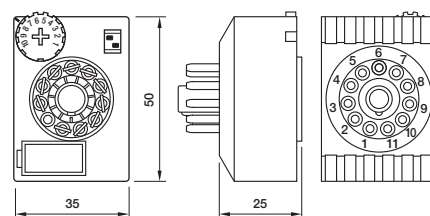


fig. 2. Dimensions (mm)

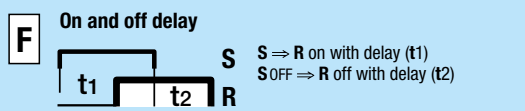
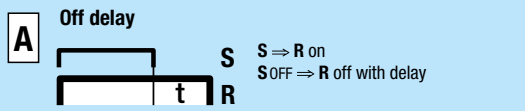
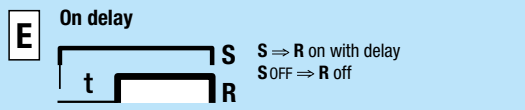


Standards and approvals

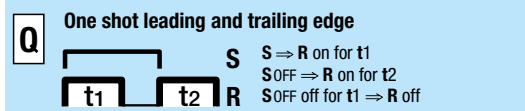
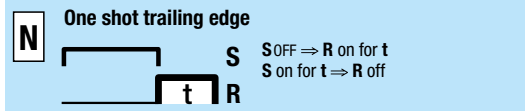
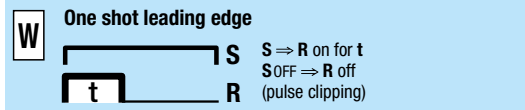
Standards IEC/EN 60947

Approvals

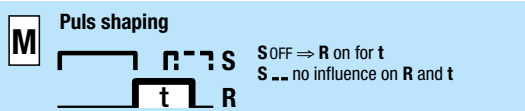
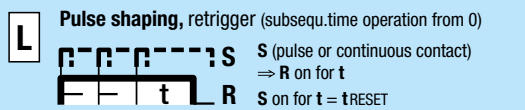
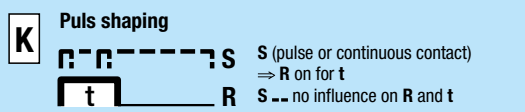
Delay functions



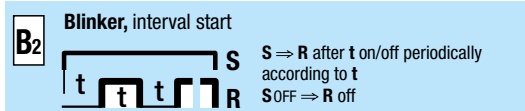
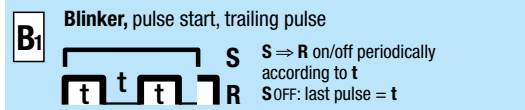
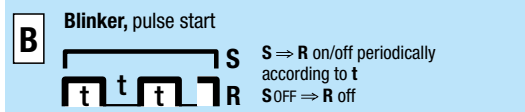
Shot timing modes



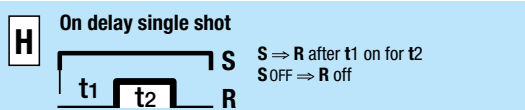
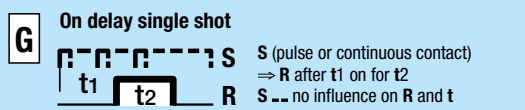
Puls shaping



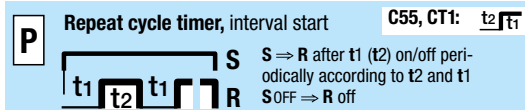
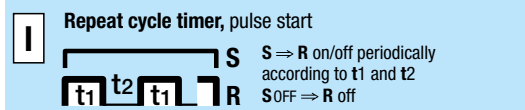
Blinker functions



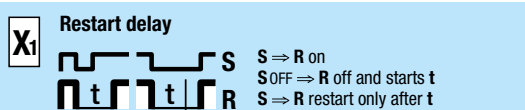
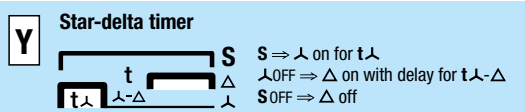
Delayed pulse



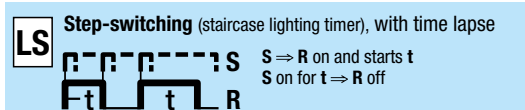
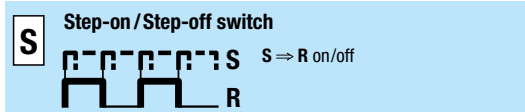
Repeat cycle timer



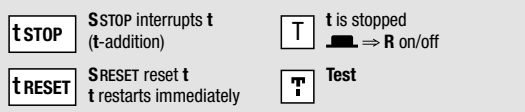
Special functions



Special functions



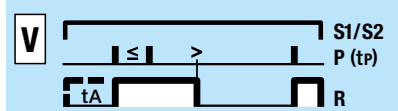
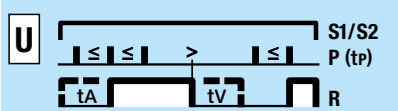
Stop / Reset



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

t_v = settable alarm delay
delay (t_A = t_v)

