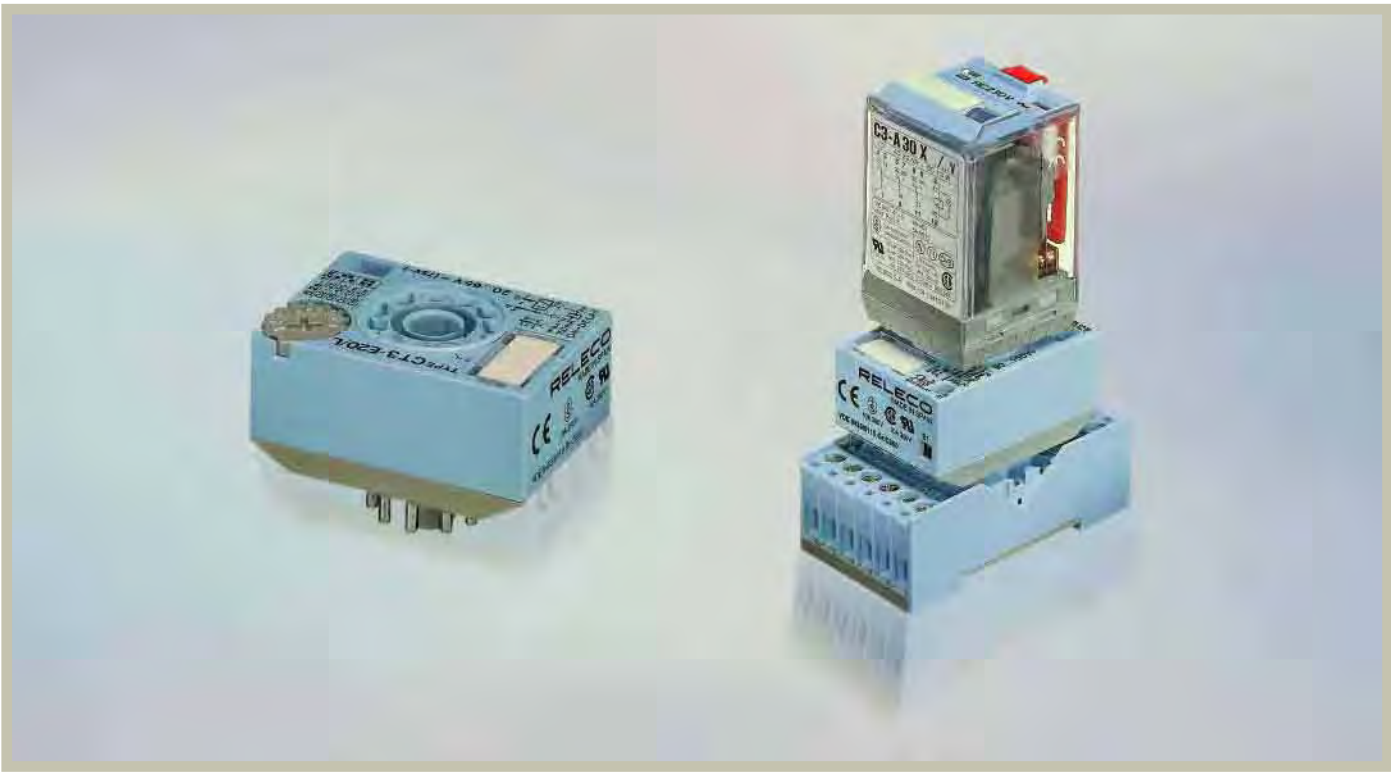


# TIMERS





The modules **CT2** and **CT3** are electronic timers that are designed to be inserted between a standard plug-in relay and its socket, enabling the relay to be operated as a timer relay.

The **CT** modules are able to accept any standard 8- or 11-pin RELECO series C2 or C3 as well as those from any other supplier.

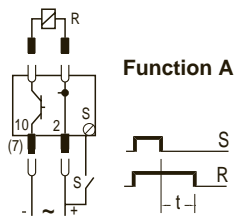
The relay coil voltage must be in the range shown for each model.

## CT2A

## CT3A

### Off delay

The timing starts when **S** is switched off. The relay drops out at time (**t**).



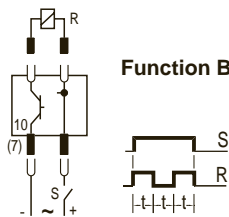
Function A

## CT2B

## CT3B

### Blinker

The relay blinks ON/OFF at time (**t**) when switch **S** is closed. First pulse, ON.



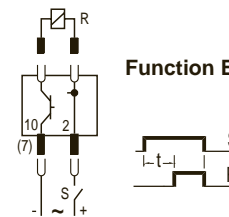
Function B

## CT2E

## CT3E

### On delay

The timing starts when the switch **S** is closed. The relay pulls in at the time (**t**).



Function E

CT2-A30/S*	9.5 - 18 V
CT2-A30/L	20 - 65 V
CT2-A30/M	90 - 150 V
CT2-A30/U	180 - 265 V

CT3-A30/S*	9.5 - 18 V
CT3-A30/L	20 - 65 V
CT3-A30/M	90 - 150 V
CT3-A30/U	180 - 265 V

CT2-B30/S*	9.5 - 18 V
CT2-B30/L	20 - 65 V
CT2-B30/H	90 - 265 V

CT3-B30/S*	9.5 - 18 V
CT3-B30/L	20 - 65 V
CT3-B30/H	90 - 265 V

CT2-E30/S*	9.5 - 18 V
CT2-E30/L	20 - 65 V
CT2-E30/H	90 - 265 V

CT3-E30/S*	9.5 - 18 V
CT3-E30/L	20 - 65 V
CT3-E30/H	90 - 265 V

\*All types are for AC/DC except "S" voltage range (only DC)

## CT2... (8-Pin) and CT3... (11-Pin) types with time range from 0.2 seconds to 30 minutes (range 30)

### Specifications

Time accuracy:

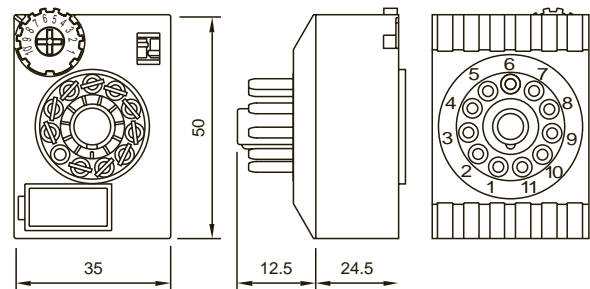
Repetition	+0.5% / 20 ms
Supply voltage	1 ms / volt.
Ambient temperature	-0.25% / K
Reset time (types E, W, B)	<150 ms
Reset time (types A, K)	<200 ms
Triggering time: AC, 80 ms ; DC, 50 ms	
Ambient temperature	-10°C to +60°C
Transient protection	IEC 255.4
Housing material:	Noryl SE1 (UL94 V-1)
Protection class (DIN 40050)	IP 40
Weight avg.	35 g

### Time Range Setting

Range 30	Dip - Sw
0.2 - 3 s	
2 - 30 s	
0.2 - 3 min	
2 - 3 min	



### Dimensions





The modules **CT2** and **CT3** are electronic timers that are designed to be inserted between a standard plug-in relay and its socket, enabling the relay to be operated as a timer relay.

The **CT** modules are able to accept any standard 8- or 11-pin RELECO series C2 or C3 as well as those from any other supplier.

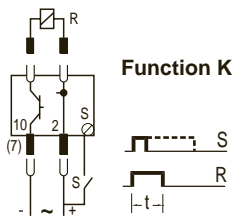
The relay coil voltage must be in the range shown for each model.

### CT2K

### CT3K

#### One shot, aux. pulse

The relay turns ON with a pulse on the switch **S** and turns OFF at the time (**t**).



Function K

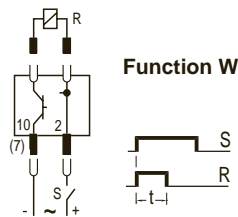
CT2-K30/S*	9.5 - 18 V
CT2-K30/L	20 - 65 V
CT2-K30/M	90 - 150 V
CT2-K30/U	180 - 265 V
CT3-K30/S*	9.5 - 18 V
CT3-K30/L	20 - 65 V
CT3-K30/M	90 - 150 V
CT3-K30/U	180 - 265 V

### CT2W

### CT3W

#### One shot

The relay turns ON as switch **S** is closed and turns OFF at the time (**t**).



Function W

CT2-W30/S*	9.5 - 18 V
CT2-W30/L	20 - 65 V
CT2-W30/H	90 - 265 V
CT3-W30/S*	9.5 - 18 V
CT3-W30/L	20 - 65 V
CT3-W30/H	90 - 265 V

\*All types are for AC/DC except "S" voltage range (only DC)

**CT2... (8-Pin) and CT3... (11-Pin) types with time range from 0.2 seconds to 30 minutes (range 30)**

### Specifications

Time accuracy:

Repetition	+0.5% / 20 ms
Supply voltage	1 ms / volt.
Ambient temperature	-0.25% / K
Reset time (types E, W, B)	<150 ms
Reset time (types A, K)	<200 ms
Triggering time: AC, 80 ms ; DC, 50 ms	
Ambient temperature	-10°C to +60°C
Transient protection	IEC 255.4
Housing material:	Noryl SE1 (UL94 V-1)
Protection class (DIN 40050)	IP 40
Weight avg.	35 g

### Time Range Setting

Range 30	Dip - Sw
0.2 - 3 s	
2 - 30 s	
0.2 - 3 min	
2 - 3 min	



### Dimensions

