

PROGRAMMING OF CT-01/P AND NT-30

CT-01/P and NT-30 are delivered programmed according to the customer's preference. The timer can be reset easily at any time. When rescheduling the timer, the power is switched on and off in 7 steps as follows. Select area according to map (appendix).

- Step 1 Activate the timer according to time 1, +/- 2,5 secs.
- Step 2 Wait for a minimum of 3 seconds
- Step 3 Activate the timer according to time 2
- Step 4 Wait for a minimum of 3 seconds
- Step 5 Activate the timer according to time 3
- Step 6 Wait for a minimum of 3 seconds
- Step 7 Activate the timer for a minimum of 1 min., 10 secs.

Time 1, low voltage, start

Time pm	Sec	Sec	Sec	Sec
	A	B	C	D
06:00	55			60
06:30	60		55	65
07:00	65	55	60	5
07:30	5	60	65	10
08:00	10	65	5	15
08:30	15	5	10	20
09:00	20	10	15	25
09:30	25	15	20	30
10:00	30	20	25	35
10:30	35	25	30	40
11:00	40	30	35	45
11:30	45	35	40	50
12:00	50	40	45	

Time 2, low voltage, stop

Time am	Sec	Sec	Sec	Sec
	A	B	C	D
01:00	55			50
01:30	50		55	45
02:00	45	55	50	40
02:30	40	50	45	35
03:00	35	45	40	30
03:30	30	40	35	25
04:00	25	35	30	20
04:30	20	30	25	15
05:00	15	25	20	10
05:30	10	20	15	5
06:00	5	15	10	

Example: Area A, low voltage 9 pm – 5 am:

- Step 1 Activate the timer for 20 secs. (+/- 2,5 secs.)
- Step 2 Wait for a minimum of / at least 3 seconds
- Step 3 Activate the timer for 15 secs
- Step 4 Wait for a minimum of 3 seconds
- Step 5 Activate the timer for 20 secs.
- Step 6 Wait for a minimum of 3 seconds
- Step 7 Activate the timer for a minimum of 1 min., 10 secs

Time 3, confirm	
Type	Sec
Save	20

Time 4, confirm	
Type	Sec
Save	> 70

Please observe that the change to summer time will cause a one-hour delay. In the example above, the appliance will operate with low voltage between 10pm and 6am during summer time. Due to changes in weather conditions, the change between high and low voltage can occur with approx. 20 minutes delay. This will not influence the length of the low voltage period.

Step 5 and 7: After approx. 10 seconds, the timer will switch to low voltage for approx. 2 seconds. For the rest of the period, it will operate with high voltage. This is to confirm that the timer has been programmed

PROGRAMMING, TIME for CT-01/PL, PXJ-42-Ö AND TLR-01

Programming at delivery: CT-01/PL is factory-set at low voltage from 9 pm to 5 am. PXJ-42-Ö and TLR-01 are not pre-set. The times can be readjusted by customer easily at any time. When rescheduling the timer, the power is switched on and off in 8 steps as follows. Select area (A-D) according to map (appendix).

PROGRAMMING

Step 1	Switch off for a minimum of 3 secs.
Step 2	Select time and activate according to time 1 (+/- 2,5 secs.)
Step 3	Switch off for a minimum of 3 secs.
Step 4	Select time and activate according to time 2 (+/- 2,5 secs.)
Step 5	Switch off for a minimum of 3 secs.
Step 6	Switch on according to time 3
Step 7	Switch off for a minimum of 3 secs.
Step 8	Activate the timer for 1 min., 10 secs., according to time 4

Time 1, low voltage, start

Time 2, low voltage, stop

Time 3, confirm

Time, pm	Sec	Sec	Sec	Sec	Time, am	Sec	Sec	Sec	Sec	Type	Sec	
	A	B	C	D		A	B	C	D	Save	20	
6.00	55			60	00:00	65				Time 4, confirm	Type Save	Sec 70
6.30	60		55	65	00:30	60						
7.00	65	55	60	5	01:00	55			50	Type	Sec	
7.30	5	60	65	10	01:30	50		55	45	Save	70	
8.00	10	65	5	15	02:00	45	55	50	40			
8.30	15	5	10	20	02:30	40	50	45	35			
9.00	20	10	15	25	03:00	35	45	40	30			
9.30	25	15	20	30	03:30	30	40	35	25			
10.00	30	20	25	35	04:00	25	35	30	20			
10.30	35	25	30	40	04:30	20	30	25	15			
11.00	40	30	35	45	05:00	15	25	20	10			
11.30	45	35	40	50	05:30	10	20	15	5			
12.00	50	40	45		06:00	5	15	10				

Example Area A, low voltage 9 pm – 5 am:

For high voltage whole night:

Step 1	switch off for a minimum of 3 secs.	Step 1	switch off for a minimum of 3 secs.
Step 2	switch on for 20 secs. (+/- 2,5 secs), 9 pm	Step 2	switch on for 5 secs. (+/- 2,5 secs)
Step 3	switch off for a minimum of 3 secs.	Step 3	switch off for a minimum of 3 secs.
Step 4	switch on for 15 secs (+/- 2,5 secs), 5 am	Step 4	switch on for 5 secs (+/- 2,5 secs)
Step 5	switch off for a minimum of 3 secs.	Step 5	switch off for a minimum of 3 secs.
Step 6	switch on for 20 secs (+/- 2,5 secs), save	Step 6	switch on for 5 secs (+/- 2,5 secs), save
Step 7	switch off for a minimum of 3 secs.	Step 7	switch off for a minimum of 3 secs.
Step 8	switch on for 1 min., 10 secs.	Step 8	switch on for 1 min., 10 secs.

Please observe that the change to summer time will cause a one-hour delay. In the example above, the appliance will operate with low voltage between 10 pm and 6 am during summer time.

Due to changes in weather conditions, the change between high and low voltage can occur with approx. 20 minutes delay. This will not influence the length of the low voltage period.

Step 6 and 8: After approx. 10 seconds, the timer will switch to low voltage for approx. 2 seconds.

For the rest of the period, it will operate with high voltage.

This is to confirm that the timer has been programmed.

SETTING OF LUXVALUES: CT-01/PL, PXJ-42-Ö AND TLR-01

At delivery, products are factory set as follows:

ON at approx. 10 lux, OFF at approx. 20 lux. The timer can be reset easily by switching on and off the timer following 8 steps. To obtain a particular lux value, follow instructions under "select lux value". Should the set lux value be unknown, proceed according to "change lux value".

Select lux value:

Step 1	switch off timer for a minimum of 3 seconds
Step 2	switch on timer according to time 1, +/- 2,5 secs.
Step 3	switch off timer for a minimum of 3 seconds
Step 4	switch on the timer according to time 2
Step 5	switch off timer for a minimum of 3 seconds
Step 6	switch on timer for 10 secs. according to time 3
Step 7	switch off timer for a minimum of 3 seconds
Step 8	switch on timer for 1 min. 10 secs. according to time 4

Change lux value:

Step 1	switch off timer for a minimum of 3 seconds
Step 2	switch on for 10/15 sec resp. according to time 1
Step 3	switch off timer for a minimum of 3 seconds
Step 4	switch on the timer according to time 2
Step 5	switch off timer for a minimum of 3 seconds
Step 6	switch on timer for 10 secs. according to time 3
Step 7	switch off timer for a minimum of 3 seconds
Step 8	switch on timer for 1 min. 10 secs. according to time 4

<u>Time 1</u>		<u>Time 2</u>
Sec	Lux	Sec
20	1...11	5
	5...15	10
	10...20	15
	20...30	20
	30...40	25
	40...50	30
	50...60	35
	60...70	40
	70...80	45
	80...90	50
	90...100	55
	100...110	60

<u>Time 3, confirm</u>		<u>Time 4, confirm</u>	
Typ	Sec	Typ	Sec
save	10	save	70

	<u>Time 1</u>
	Sec
Change lux value for <u>earlier</u> switch-on in the evening and <u>later</u> switch-off in the morning.	10
Change lux value for <u>later</u> switch-on in the evening and <u>earlier</u> switch-off in the morning.	15

<u>Time 2</u>	<u>Time 3, confirm</u>	<u>Time 4, confirm</u>
Sek	Typ	Sek
5	save	10
	save	70

Example of resetting: Light fittings switch on too early in the evening and stay switched on to late in the morning.

- Step 1 switch off for a minimum of 3 seconds
- Step 2 activate for 15 secs according to time 1
- Step 3 switch off for a minimum of 3 seconds
- Step 4 activate for 5 secs. according to time 2
- Step 5 switch off for a minimum of 3 seconds
- Step 6 activate for 10 secs. according to time 3
- Step 7 switch off for a minimum of 3 seconds
- Step 8 activate for 1 min. 10 secs. according to time 4

