

Door Control Unit with time schedules etc. Box 485 -T

INTRODUCTION:

The Door Access Control Unit is controlled by the keypads/readers working on the RS485 bus by means of the CT2000 system. The Unit is used for the access control system. Install the box and a door is controlled for authorized use in a determined time. If the door is not closed or locked within the predetermined time a buzzer will warn you and the alarm will go-off. The Unit is delivered pre-programmed for working as soon as installed.

FEATURES:

The box 485DCU-T is approved as a high security class:

- Delivered in a box for direct installing
- Up to 2 keypads/readers per one unit. Normally 1 keypad at an entrance and an exit button for leaving a secured area.
- 3 inputs: scheduled monitor, door locked/closed, exit button
- 3 outputs. Relay output: Active for approved code/tag in the pre-defined time schedule for that particular code/tag. Transistor output: The transistor can be activated for an alarm/bell and monitoring on a determined time schedule. Buzzer output: The buzzer output is active for pre-warning and alarm signals.
- Forced toggle and overwriting toggle for security purposes
- Access profile/schedule for 12 groups
- 16 time schedules / 32 holidays
- Each box has its own selectable ID
- Tamper switch is incorporated.

OPTIONS:

Box 485 DCU-T works together with all CT2000 system units. All parameters are programmed by a PC in Conlan eXPress. All events taking place in the box 485 DCU-T can be logged or printed as the history for who did what and at what time. Install the keypad/reader, the box 485 DCU-T and the logBox3, and then you will have the access control system that logs up to 10 000 events. Add up to 255 addresses in one system.

An example from the programming (Conlan eXPress):

The screenshot shows the 'Door Control Unit Time Based' configuration window. Key fields include:

- Enhed navn: Hovedindg vest CT17
- Placering: Depotrun 17 skab for styringer
- Foerste slave enhed: (17) Keypad Hovedindgang vest CT17
- Anden slave enhed: (51) Proximity Bogense Prox syd
- REX Tid: 00:00:06
- Forvarsel tid: 00:00:04
- Alarm Tid: 00:00:09
- Enhed ID: 128
- Transistor node: Klokke tast (checked), Forvarsel (unchecked), Alarm (checked)
- Relay udgang inverteret (unchecked)
- Transistor udgang tid: 1 sec
- Transistor udgang inverteret (unchecked)
- I1 søn monitor indgang (checked)

The 'Helligdage' table shows the following data:

Dato	T	R	C
04.07	B	N	2
29.07	E	N	2
24.12	N	R	1
25.12	N	R	1
29.05	N	N	1

The scheduling grid at the bottom shows access times for groups 0-11. Green dots indicate access periods. For example, groups 0, 1, 2, 5, and 6 have access from 08:00 to 22:30 on weekdays (Ma-Fr). Group 7 has access from 08:00 to 21:00 on Friday. Group 9 has access from 08:00 to 17:00 on weekdays during the H2 period (0407-2907). Access is cancelled on holidays 24-25 Dec and 2905.

The picture is from the Conlan eXPress: The green dot tells you when there is access for whom. From 800 till 22:30 all weekdays less Sunday people from group 0,1,2,5 and 6 have access etc.

From 800 till 2100 on Friday people from group 7 have access and the door are automatically opened (Re).

From 800 till 1700 Monday till Friday in H2 period (0407 till 2907) people from group 9 have access.

On the Holidays 24-25 December and 2905 access is cancelled.

Please call for further details. 2032004 esh