

Door Control Unit

Box 485



FEATURES

- Delivered in a box for direct instalment.
- Up to 2 Keypads/Readers per box. Normally 1 Keypad at the entrance and an exit button for leaving the secured area.
- 3 Inputs; Exit button. Door closed. Door locked.
- Each box has its own ID.
- 3 Outputs; Relay output. Transistor output. Buzzer output.
- Tamper switch incorporated.
- Meets the Skafor, VDS and CE regulations.

Box 485 works together with all CT2000 units. All parameters are programmable by a PC in a DOS or Windows program. Output modes: Normal or inverse for the relay as well as the transistor. Times for in- and outputs are all programmable. All the events taking place in the box 485 can be logged or printed as the history for who did what at what time. Install a keypad, a box 485 and a log box, then you have an access control system. Install a computer or printer to log all events. Add up to 255 addresses in one system.

GENERAL

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

The box 485 has 3 Inputs:

1. Exit button
2. Door closed.
3. Door locked.

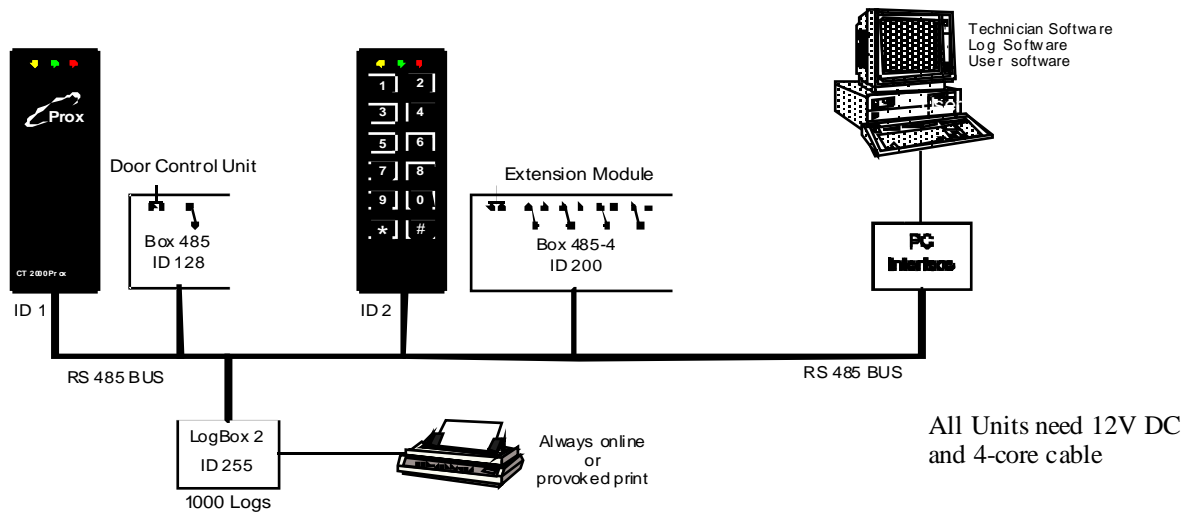
The box 485 can have up to 2 Keypads/Readers per box. Normally 1 Keypad at the entrance and an exit button for leaving the secured area.

The box 485 has 3 Outputs: Relay output. Active for approved code/tag in the predefined time for that code/tag. Active for pressing the exit button in a predefined time. Transistor output. The transistor is active for touching the bell sign on the keypad in a predefined time. Buzzer output is active for prewarning and alarm signaling.

TECHNICAL DATA

Supply voltage:	12 V DC
Voltage range:	10-15 V DC
Ripple:	max. 500 mVpp
Current consumption:	20 - 40 mA
Output- open collector:	max. 500 mA
Output- relay:	C/NO (max. 24 V - 2A)
Operating temperature:	0 C to +85 C
Humidity:	max. 85%
Dimensions:	(w x h x d): 65 x 65 x 29mm

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