

«TiSO-PRODUCTION» Company

ACCESS COUNTER



TECHNICAL SPECIFICATION

PCB.108.20.00.00 TS

Purpose

This device is designed to count and display the number of turnstile accesses.

Design and operation

The counter is fitted with a symbol two-line liquid crystal display, on which all data is displayed. It has four memory cells:

1. Number of accesses in the direction A «After counter reset».
2. Number of accesses in the direction B «After counter reset».
3. Number of accesses in the direction A «From the manufacturing date».
4. Number of accesses in the direction B «From the manufacturing date».

The cells 1 and 2 are simultaneously cleared by the counter reset procedure.

The cells 3 and 4 are unclearable.

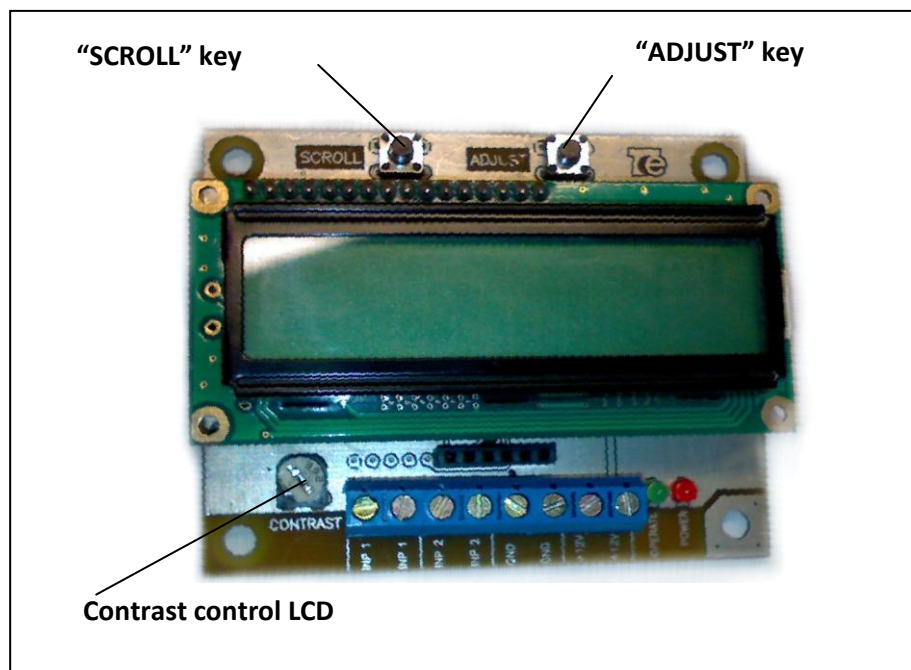
During turnstile access the counter obtains the signal «Detection of access» from the turnstile controller and increments the value of both memory cells by one («After counter reset» and «From the manufacturing date» in the direction, in which the turnstile access was performed.

The number of accesses is stored in nonvolatile memory after power failure. When power supply is restored the number of access is read from nonvolatile memory and is displayed.

When a memory cell reaches the counter peak value, this cell will be cleared and the count will be started from point zero.

The counter increment takes place at the moment of signal falling at the input INP1 or INP2 to the GND level.

Appearance



Technical features

The maximum counter value is 9 999 999.

Number of inputs: 2.

Minimum duration of input signal: 10 ms.

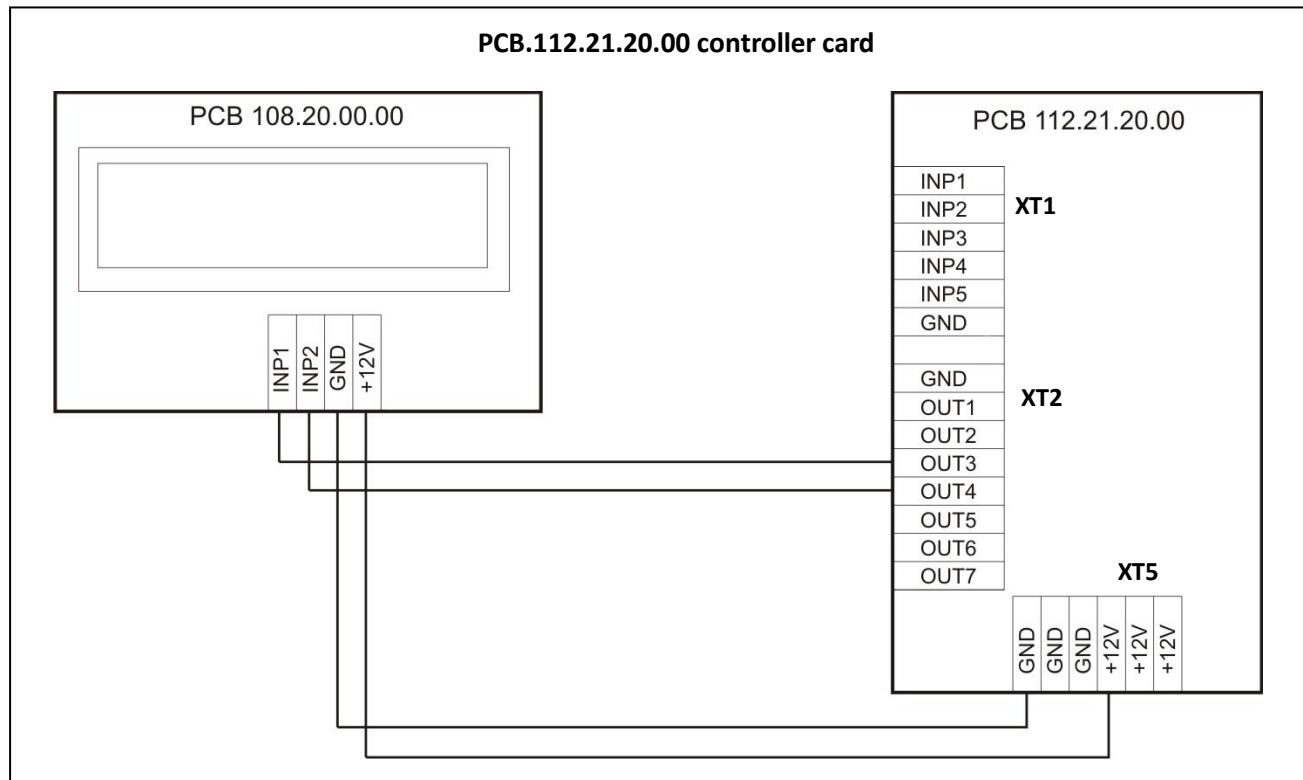
Power supply voltage: (10-14)V.

Connection

The table of contacts purpose is given below.

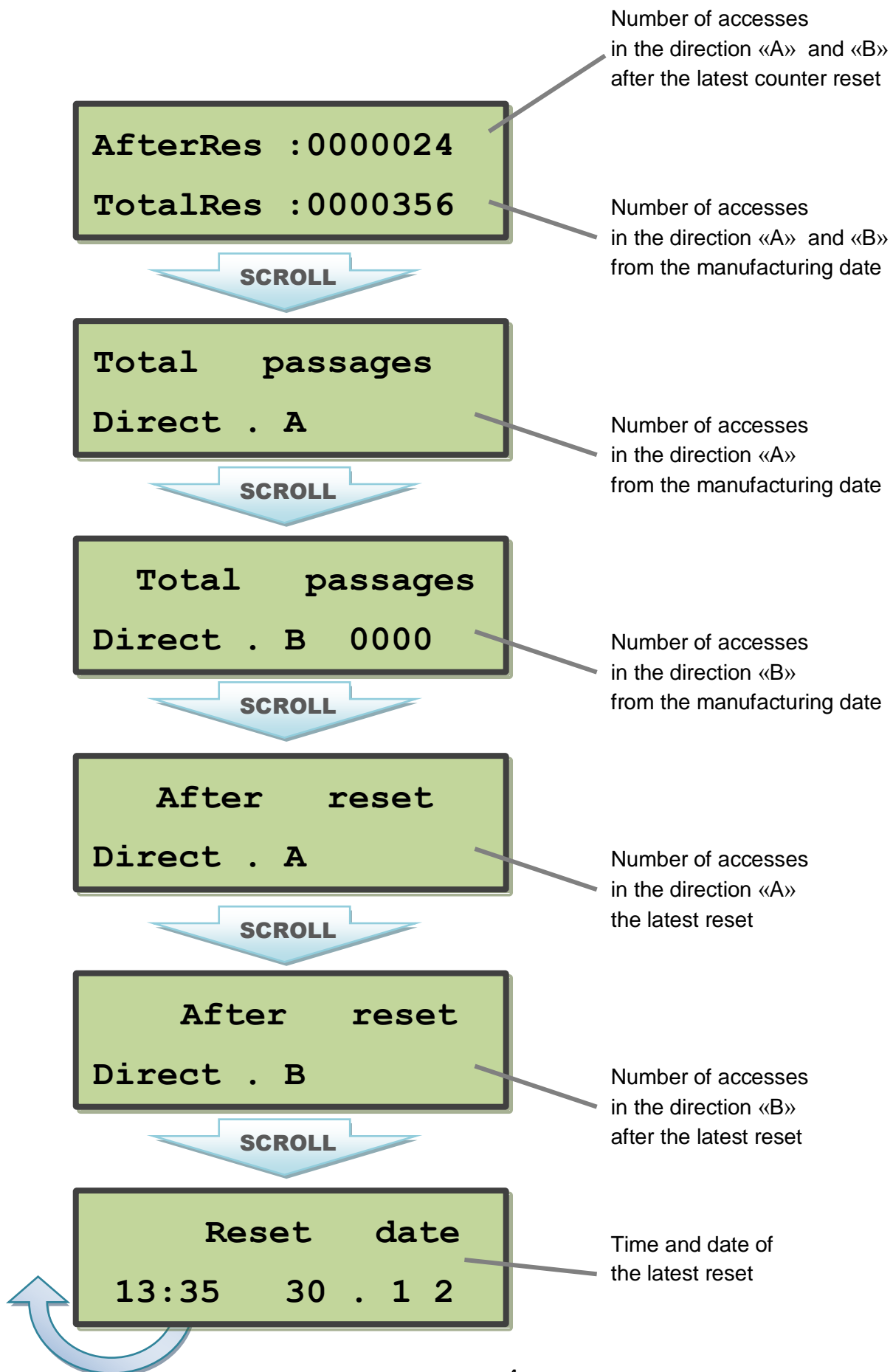
Designation	Purpose
INP1	Input for connection of the turnstile access detection signal (Direction «A»)
INP2	Input for connection of the turnstile access detection signal (Direction «B»)
GND	Common
+12V	Power supply 12V

The diagram of connection of the counter PCB.108.20.00.00 to the turnstile controller PCB.112.21.20.00.



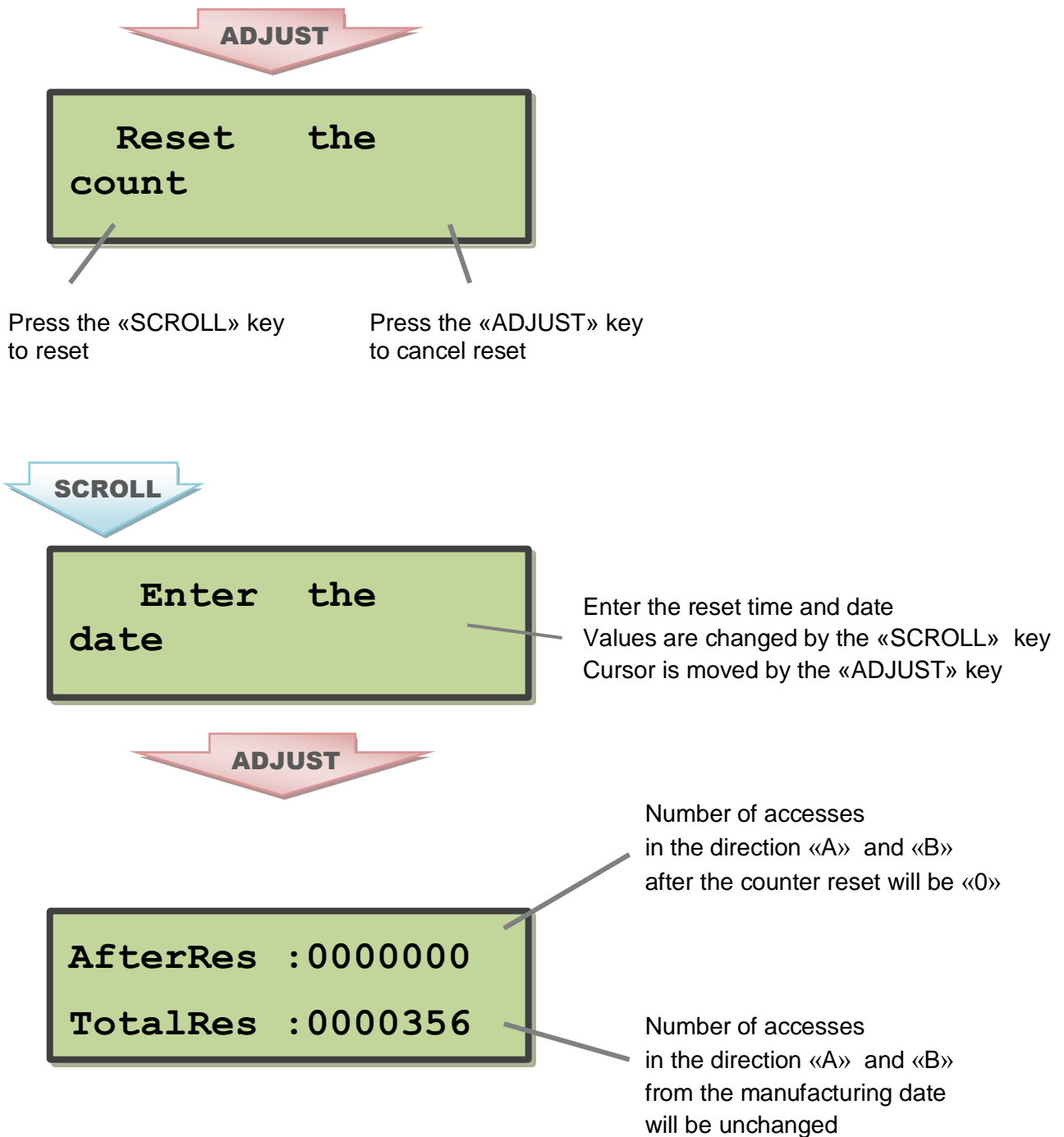
Control

Paging can be performed by pressing the key «SCROLL».



Counter reset

Press the key «ADJUST» to open the counter reset menu.



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