

# MNK

## Module of random turnstile checks (MNK)

### Introductory word

Electronic device design for random passage control of entry-exist turnstiles according to set probability for random control of people passing through.

### Functionality

#### Module of random checks (MNK)

Is for stopping people while passing through turnstiles for the purpose of their random check.

#### Random check

Is initiated by prohibiting any pass through the turnstile and it is signaled visually by lights as well as acoustically at the same time. By connecting the module to the access system, you can record the possible checks performed on people automatically on the basis of data on the ID card of the employee who was randomly chosen by the system.

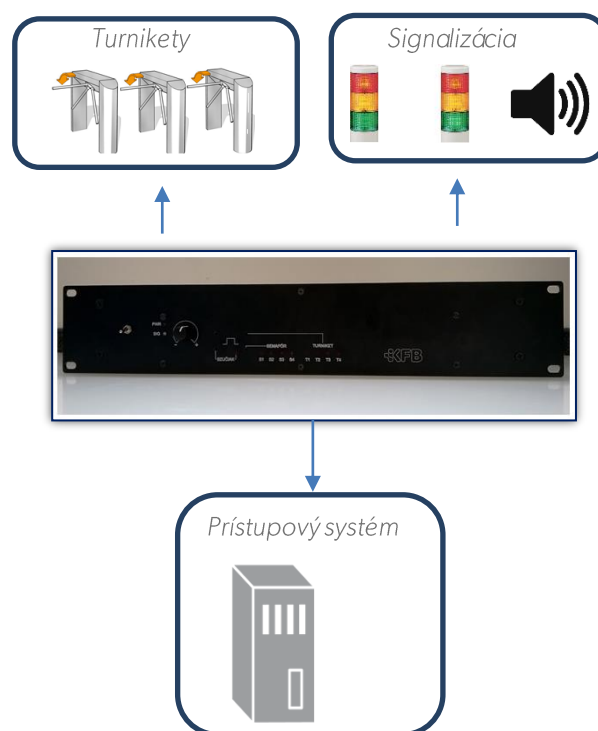
#### Probability of stoppage

Is controlled by turning a controller on the front side of the device. By setting up the probability you set an amount of passes through the turnstiles from which one will be randomly chosen and stopped. You can set the probability and change it any time, while the amount of passes can be set to 5-105 (that means 1% ÷ 25%).

#### The time span of closing the turnstile, acoustic and visual signalization

Can be set on the front panel of the device even when it's operating. The span of settings is 0,5 – 15 seconds.

Algorithm of closures of more turnstiles is accommodated, so that no more than 1 turnstile will be blocked at the same time. One module can control up to 4 turnstiles.



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### Parameters

Driving voltage: AC = 230V / 50Hz  
Temperature range: -5°C to +60°C  
IP coverage: IP 40, humidity max.85%  
Usage: max.5W

Interfaces: 4 x inputs from card reader  
4 x control of turnstile opening  
1 x control of signalization siren  
4 x control of signalization lights  
1 x potentiometer for probability setting  
4 x trimer for setting the amplitude of control impulses

Dimensions: 88 x 485 x 240 mm (H x W x D)  
Color: black

The span of setting the probability of stoppage:

5 ÷ 105 passages (1% ÷ 25%)

The span of setting the opening of the turnstile: 0,5 ÷ 15 seconds

The span of setting the lights turning on: 0,5 ÷ 15 seconds

The span of setting the acoustic signalization turning on: 0,5 ÷ 15 seconds

The device is designed to fit a 19" rack cabinet 2U – standard dimensions of distribution box.

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