

USK- 85 ACCESS CONTROL DEVICE

MANUAL

The USK- 85 access control device allows to register up to 85 opening keys and it can work in three modes described below. Parameters can be put into the device (programmed) ONLY in the production- on ordering with the manufacturer. Customer are asked to advise what work mode they need (see below) and how many keys are needed. The three available modes of work are as follows:

1. TIME OPENING MODE

Every touch of a registered opening key opens the transistor collector (drain) for a period of time programmed on customer's advice in the production. Available opening time periods from 1 second, up to 99 seconds. Colour GREEN signals open access, RED- access blocked. Customers are kindly asked to advise on the: a) opening time period, b) number of opening keys needed.

2. BISTABLE MODE

Every touch of a registered opening key changes the state of the device from open access to blocked and from blocked to open (this is: by touching the reader with a registered key users either open or block access, depending on what the initial state was. The device remains in the "new" state until any next touch, then returns to the previous state). Colour GREEN signals open access, RED- access blocked. Customers are kindly asked to advise about the number of keys needed.

3. TOUCH & HOLD MODE

In order to open access, users must touch the reader with a registered key AND HOLD IT IN TOUCH WITH THE READER. The device remains open as long as the opening key is in contact with the reader- withdrawing (taking away) the key means access is blocked immediately. Colour GREEN signals open access, RED- access blocked. Customer are kindly asked to advise on the number of opening keys needed.

Reader features:

Max. current of the collector (drain): 2A

Max. collector (drain) voltage: 20V

Max. electricity consumption (reader): 20mA

Reader power supply: from 5V to 16V

Cables:

WHITE- power supply

BROWN- Earth/common (GND)

GREEN- transistor collector (drain)