

# BioKey Code - Basic

## Technical Data

Dimension (WxHxD): 44 x75 x 29mm  
 Operating voltage: 8 bis 30V DC  
 Relay: 24V 500mA  
 Operating temperature: -20 to +85 °C



**Mastercode = Usercode**

Prog. Mode	Function	Approach
Administration	Changing the Mastercode	<p><b>* Current Mastercode * New Mastercode *</b></p> <p>If successful, the red and green LEDs flash two times. If a timeout occurs the red LED flashes for three seconds. <b>At delivery the mastercode is 2587.</b></p> <p>Example: <b>* 2587 * 2580 *</b></p>
Normal Mode	Opening the Door	<p><b>Mastercode</b> </p> <p>If the Mastercode is correct, the green LED turns on and the relays activate. If the Mastercode is wrong, the red LED turns on.</p> <p>Example: <b>2580</b> </p>
Reset	Deleting All Codes (reset to delivery state)	<p>At the blackbox-PCB (inside unit) press and hold the Delete key for 5 seconds</p> <p>Black Box</p> <p>or at the keypad: <b>* Current Mastercode * 0 * Current Mastercode *</b>              → all LEDs turn on and delivery state (Mastercode=2587) is restored</p> <p>Example: <b>* 2580 * 0 * 2580 *</b></p>

1. At delivery (no codes set): all the LEDs are on, otherwise Rest.
2. Regular or simple combinations (e.g. 8888, 123456 or 4321) are not allowed. Mastercode must have 4-6-digits.
3. Blocking: If a wrong code is entered 5 times in a row, the module switches to blocking mode, in order to prevent unauthorised persons from trying large numbers of codes. In blocking mode the red LED flashes continuously. The blocking mode is time-limited at first. For every 5 wrong codes the blocking time increases (Blocking Intervalls: 1 minute, 5 minutes, 30 minutes, 1 hour, then unlimited). Unblocking: Mastercode Mastercode

