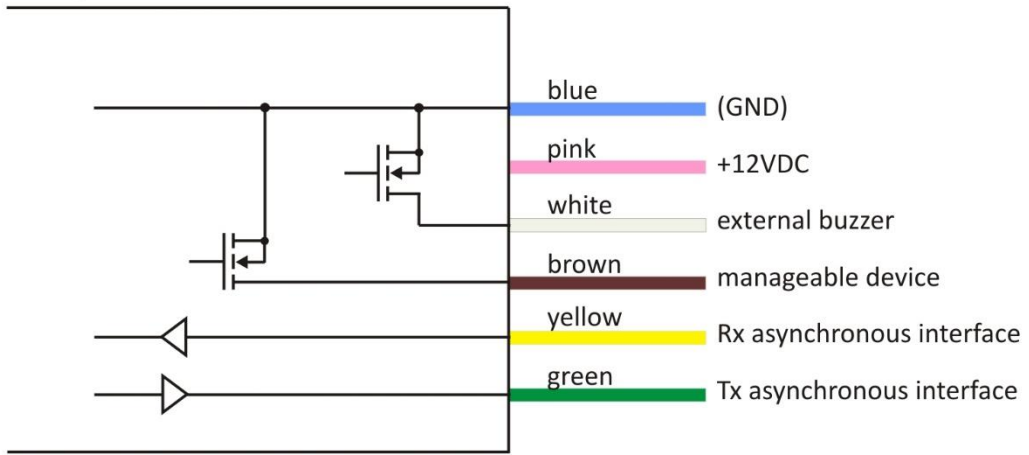
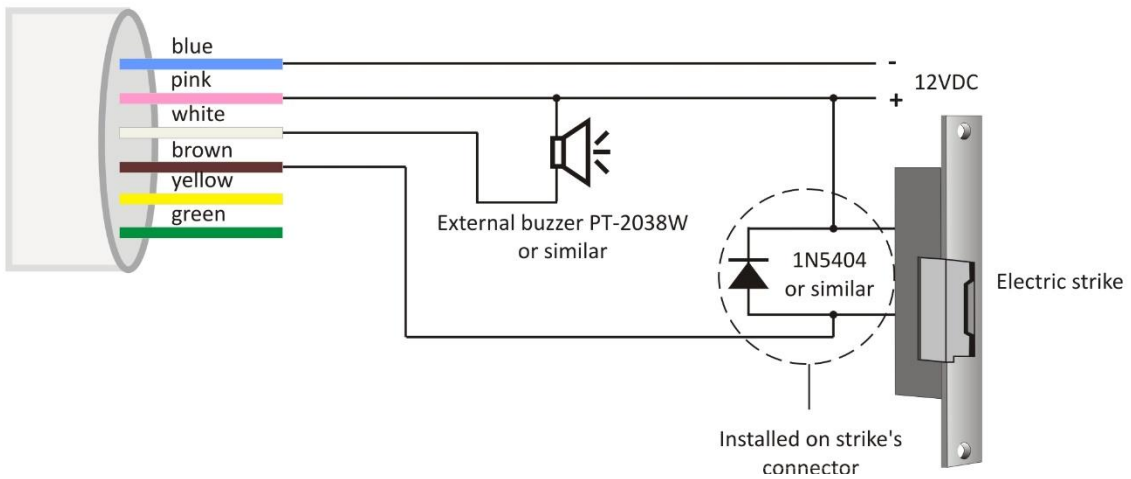


Locky-CP RS

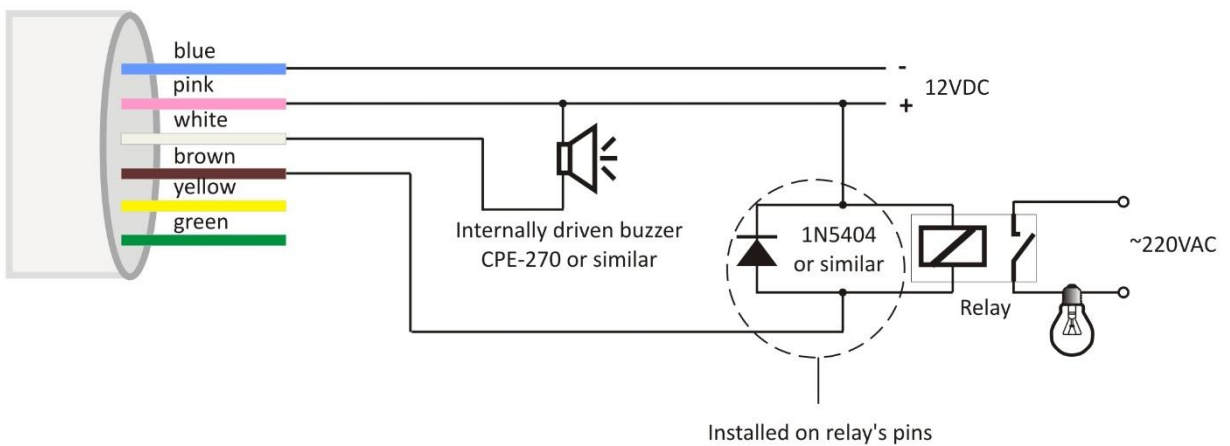


Wiring diagrams:

Locky-CP RS



Locky-CP RS



Working mode:

The LED indicator shines in red.

If a tag is put in the range of the antenna, the controller gives out a short beep and the LED flashes once. The tag's ID will be sent through the interface (in series):

[F5][08][0B][01][07][DB][7C][73][7B]

Where:

- [F5] – start byte (constant);
- [08] – length of packet, sum of all bytes without start byte – in this example 8 bytes;
- [0B] – command;
- [01][07][DB][7C][73] – tag's ID;
- [7B] – CRC, calculates by Polynomial = $x^8+x^5+x^4+1$ (for details see [AN27 of Maxim-IC](#)) – for this example 0xD8.

The controller's relay can be switched on by the following command:

[F5][04][16][05][E7]

Where:

- [F5] – start byte (constant);
- [04] – length of packet, sum of all bytes without start byte – in this example 4 bytes;
- [16] – command;
- [05] – time of holding on, in seconds – from 0 to 240, in this example 5sec.;
- [E7] – CRC, calculates by Polynomial = $x^8+x^5+x^4+1$ (for details see <http://www.maxim-ic.com/app-notes/index.mvp/id/27>) – for this example 0x3C. In case of wrong CRC, the controller will not execute the command.

The controller's answer to above command is:

[F5][03][96][99] .

The interface details are: 19200bps, 8 bits, 1 stop bit, No parity.

Attention: The interface of controller is RS232.

Firmware update can be made by LockyMonitor2 software. It can be downloaded from www.teracomsystems.com .