

BLINK 868

TRANSMITTER

installation and operating manual

v.1.2



GENERAL INFORMATION

Device designed for installation in all types of vehicles. Using existing electrical circuits (eg. Traffic lights) allows radio control of devices.

Method of use depends on individual needs and creativity of a user. BLINK 868 transmitter can also be integrated with any alarm systems, gate automation and smart home systems fitted with DTM receiver.

Transmitter can be connected directly to executive element in the system, such as low voltage bulb, acoustic signaler, etc. Waterproof case allows installation at any selected location. Metal handle guarantees solid mounting.

TECHNICAL SPECIFICATIONS

▶ input (control)	6...30VDC
▶ number of channels	4
▶ frequency	868MHz
▶ maximum range	do 200m
▶ effective radiated power, EIRP	do 10mW
▶ rolling code system	104-bit IRS
▶ working temperature	-20°C / +55°C
▶ IP protection	IP-66
▶ dimension without / with handle	31x31x42mm / 31x31x62mm
▶ weight	40g
▶ part of the system	DTM868MHz

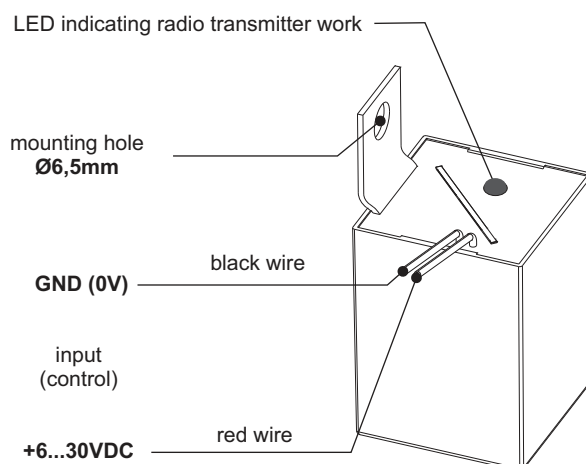


Fig.1. Transmitter view.

1. Transmitter installation



For safe installation BLINK 868 transmitter should be protected with delayed tripping time fuse of 500mA value (eg. ZKT-0.5A). Fuse and slot are not included.

Control signal from the automation must be connected to two BLINK wires (red wire +6...30VDC, black 0V)
Example of electrical diagram with BLINK 868 connection is shown on Fig.2.

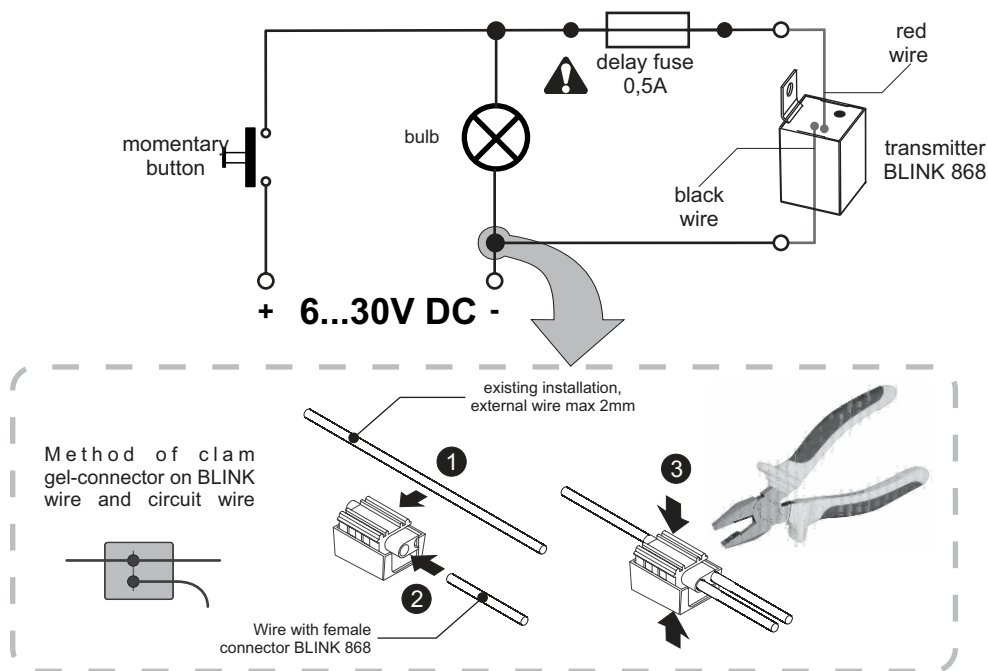


Fig.2. Example of BLINK 868 electrical connection to bulb circuit.

2. Transmitter use

Number of pulses equals number of channel. Eg. three pulses corresponds to the standard remote third button. Accepted principle illustrated on Fig. 3.

After each pulse transmitter waits for a while for any further pulses. Followed by a radio signal transmission. Continuous transmission can be obtained by lengthening last pulse. Illustrated in Fig.3.

Each transmitter activation is signaled by LED located on the transmitter (see Fig.1).

For comfortable registering transmitter to receiver disconnect transmitter from installation and use battery, accumulator or other voltage source.

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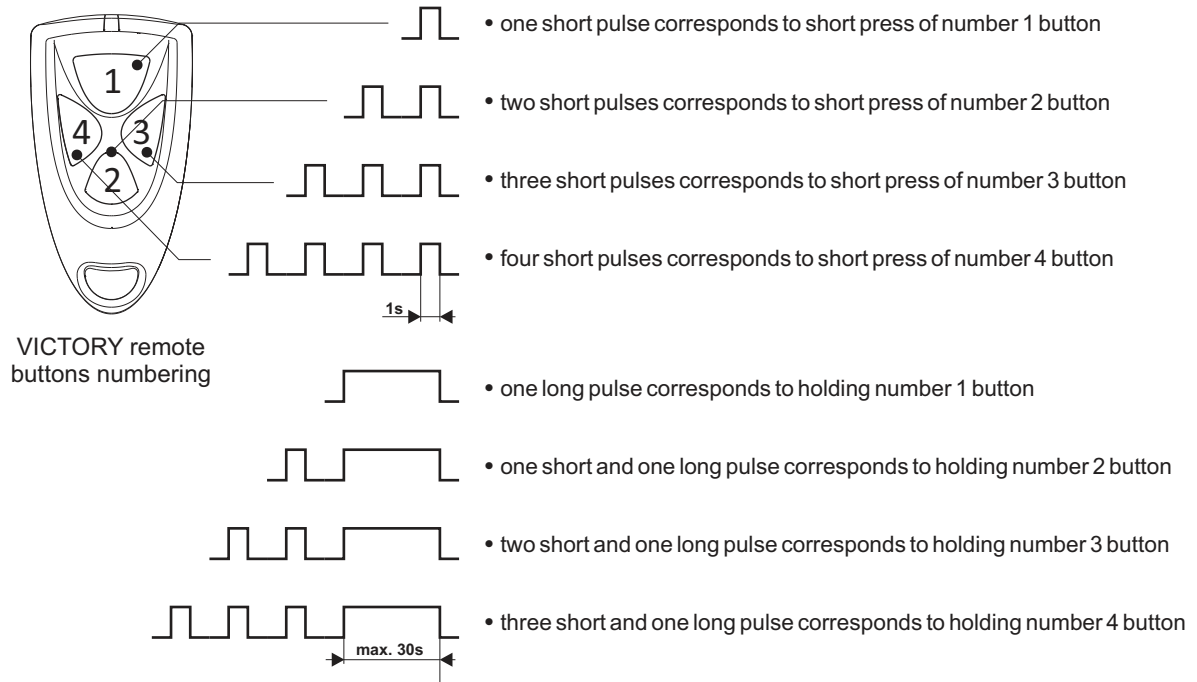


Fig.3. Assignment of exemplary remote buttons to BLINK pulses combination.

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DISPOSAL



The intention of the WEEE Directive (Directive 2002/96/EC on waste electrical and electronic equipment) is to reduce the amount of hazardous substances in waste. The underlying purpose is to promote the avoidance, recovery and risk-free disposal of waste.

WARRANTY

DTM System checks all the devices before shipping. The warranty time is 24 months from the selling date. This time is counted according to the warranty label. The manufacturer will fix all the problems which come because of his fault. Non functioning device should be delivered back to the distributor with short problem description. The cost of mount/dismount is covered by user. The warranty do not cover: batteries in the remotes, faults caused by improper usage, user self repairs and adaptations, lightning strikes, over voltages or short circuits in the mains supply. Appropriate legal acts regulates details of the warranty.

CE



CE

DTM System hereby declares that the radio transmitter complies with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the Internet address.

www.dtm.pl

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