

DOORHAN®



**OPERATORS FOR
SLIDING GATES**

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Operators for sliding gates are designed to automate sliding gates of residential and industrial use. Sliding gate operators are specifically designed for use in different environmental conditions — the operating temperature range is -40 to $+55$ °C. A wide operating voltage range (from 180 to 250 V) allows the operators be used in networks with unstable voltage.

MODEL RANGE



Sliding-1300 — operator for industrial sliding gates, with leaf weight up to 1 300 kg.



Sliding-2100 — operator for industrial sliding gates, with leaf weight up to 2 100 kg.



All components of Sliding operators are made of high quality materials and comply with Directive 2002/95/EC (RoHS) limiting the content of harmful substances. Operators are certified and meet all European quality standards.

APPEARANCE



Sliding gate operators feature a modern and ergonomic design.



The upper part of the body is made of impact-resistant ABS-plastic, which reliably protects the operator mechanism against deformation and the negative environmental impact. Due to the high class protection (IP54), moisture and dust ingress is excluded.



The bottom part of the operator is made of high strength aluminum alloy, coated using powder method, which creates a durable and environmental friendly finish.

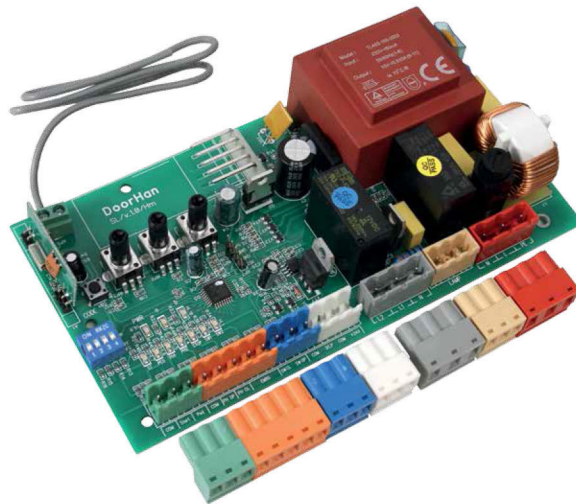


At the bottom of the aluminum case, there is an opening for cable input for easy routing to the control unit of power supply and accessories.

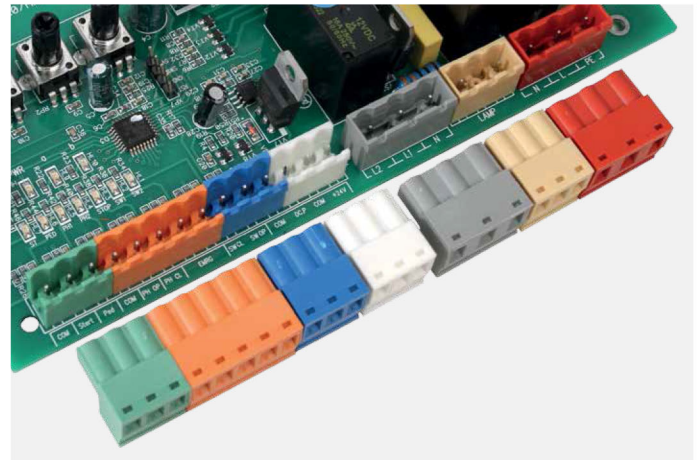
Before warehouse shipment, all operators undergo multiple-stage test. Mechanical and electronic parts are checked on more than 15 criteria of the required values, in an environment as close as possible to the operating conditions.

CONTROL BOARD

The control board of sliding operators is designed according to the latest requirements of electromagnetic compatibility, and includes all the necessary EMI filters. Filters allow the operator to continuously operate when exposed to unintentional radio interference, and prevent the occurrence of interference from other technical devices.



The control board is made in accordance with all applicable safety standards.



The advantage of the control board is the ease of configuration of the operator. All terminals on the control board are marked for a convenient connection.

Easily removable colour terminals greatly simplify connection process.

Availability of connector allows you to connect a large number of additional control and safety devices, such as photocells, which can be connected to both, opening and closing of the gate.

TRANSMITTER-2 PRO



Transmitter is designed for two DoorHan automation devices distance controlling or other automation suppliers that DoorHan receiver is connected.

Main advantages:

- dynamic code technology(16 millions combinations);
- two independent channels;
- modern ergonomic design;
- compact dimensions;
- increased battery life;
- there is a hole at case for connecting the transmitter with keys.



PHOTOCELL-N



PHOTOCELL-N — photocells consisting of an infrared transmitter and receiver which are installed in the opening of a sectional door or a gate, to ensure maximum safety of their use.

Main advantages:

- the ability to connect to any supply voltage 12/24 V AC/DC;
- the connection of NO/NC control contact — availability of normally open contacts allows using the photocells as a control device;
- easy access to the terminals;
- dispersion of the beam angle at a distance of 20 m is 7°, eliminating the need for accurate positioning of the receiver according to the transmitter;
- modern ergonomic design;
- small size allows a convenient installation of photocells in the gate opening.



TECHNICAL SPECIFICATIONS

Model	Sliding-300	Sliding-800	Sliding-1300	Sliding-2100
Supply voltage, V/Hz	230/50			
Maximum power consumption, W	130	250	550	750
Gate speed, m/min	9	12	10	
Maximum gate weight, kg	300	800	1300	2100
Intensity, %	50		70	
Temperature range, °C	-20 to +55		-40 to +55	
Degree of protection	IP54			



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