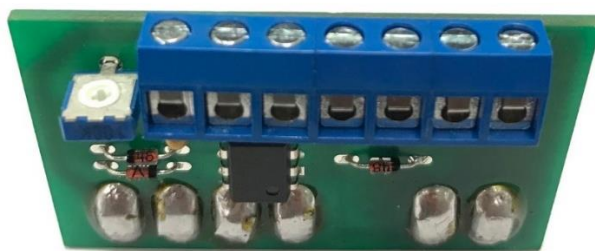




Extending boom light module for LEDSTRIP/RGB

User manual



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2. Acknowledgement

Thank you for purchase and congratulations on choosing one of our extending . All AUTOGARD products are launched on the market only after they prove themselves successful in test installations in the most demanding conditions.

To ensure the best experience with our products, we use only the top-quality materials and components and perform series of tests throughout the production process. AUTOGARD products have been designed for high performance, easy maintenance and long service life. The production fully complies with technical standards and regulations in force.

3. Purpose of use

The extending boom light colour management module for LEDSTRIP / RGB is designed to extend the barrier with the AGN4.x control unit with the possibility of light signalling during the movement of the barrier arm.

4. Specifications

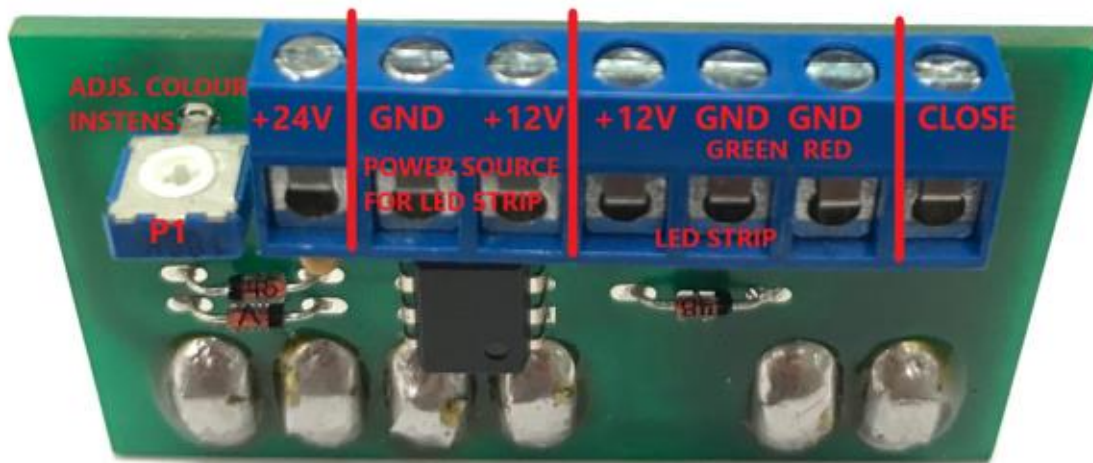
4.1. Parameters

Model	AGN4.x/SEM-RGB
Power supply	24V DC
Power consumption	50mA
Dimensions	54x33x25 mm
Weight	cca 35 g
Storage temperature	+10°C - +40°C
Operating temperature	-20°C - +70°C

4.2. Description

P1	Adjust the colour intensity
+24V	Power supply +24V
GND	Power source for LED strip GND
+12V	Power source for LED strip +12V
+12V	Power supply for LED strip +12V
GND GREEN	LED strip GND green
GND RED	LED strip GND red
CLOSE	LIMIT CLOSE

Note: The power source for the LED strip must be dimensioned according to the parameters of the LED strip used. LED strips with a maximum total power of 60 W can be used.



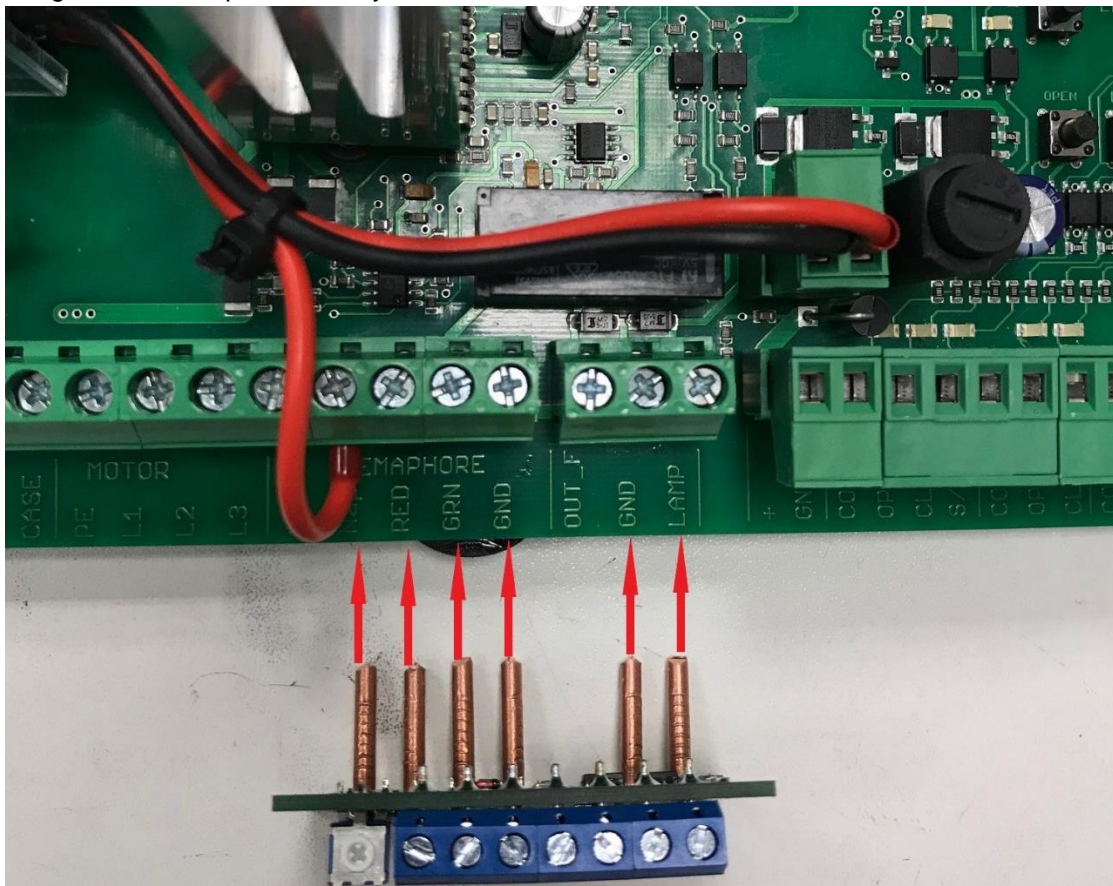
5. Installation

5.1. Important

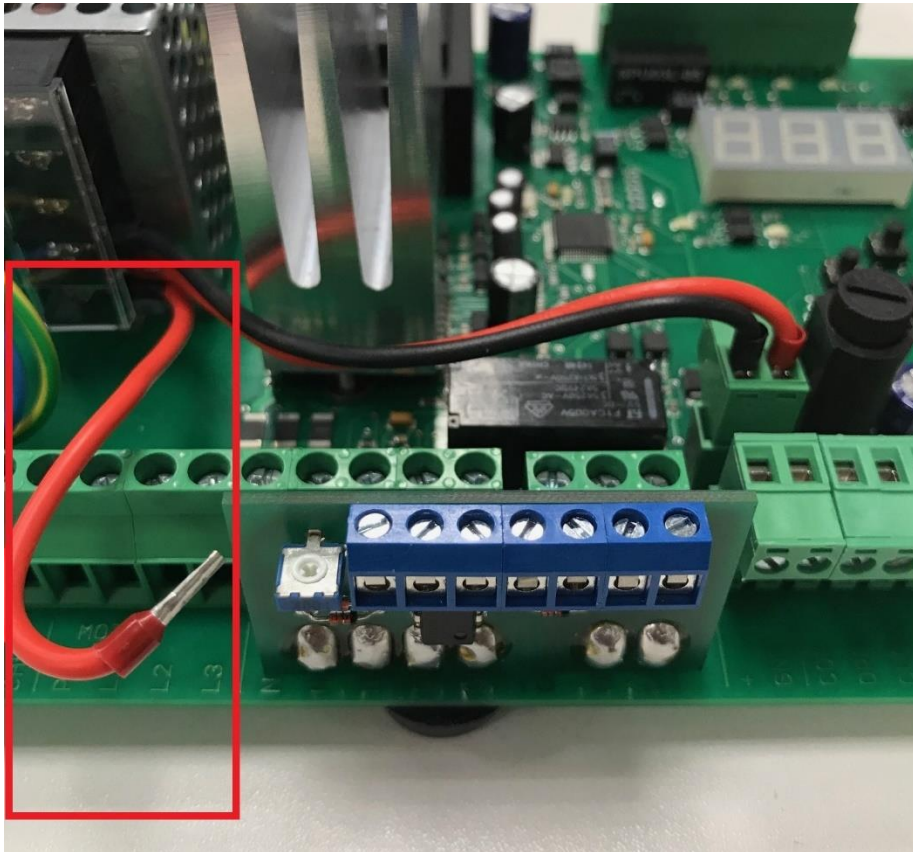
Installation can be carried out only by approved person, who has valid certification according to directive 50. The person has been instructed to installation by the supplier or the installation is carry out under supplier supervision.

5.2. Installation procedure

- 1) Disconnect the control unit from the power supply before starting the installation.
- 2) Install the module to the SEMAPHORE clamps (Nap, RED, GRN, GND), GND a LAMP. Tighten the clamps sufficiently.



- 3) Connected cable, which is connect to SEMAPHORE-Nap terminal -> connect to the first terminal on the RGB module +24V
 - If the cable too short, it can be replaced by a longer cable of the same type
 - If the cable is too short, it can be removed and + 24V from any COM terminal connect to the first terminal of the module



- 4) Connect other cables to the module terminals.

6. ES – The Declaration of Conformity

My

AUTOGARD spol. s r.o.
Nová 32
664 41 Popůvky - CZ
IČ: 49446053
herewith declare,



under our sole responsibility, that conceptions and constructions solving of the product as well the embodiments put into circulation, conform to the essential requirements of the following Government Regulation (EU Declaration):

Type:	Extending boom light colour management module
Model:	AGN4.x/SEM-RGB
Technical parameters:	24 V DC, 1 W Operating temperature: -20 - +70°C Weight: 0,5 kg
Manufacturer:	AUTOGARD spol. s r.o., Nová 32, 664 41 Popůvky - CZ

Description and purpose of use:

The extending boom light colour management module for LEDSTRIP / RGB is designed to extend the barrier with the AGN4.x control unit with the possibility of light signalling during the movement of the barrier arm.

Government Regulation (EU declaration):

Government Regulation no. 118/2016 Sb. (Directive 2014/35/EU),
Government Regulation no. 117/2016 Sb. (Directive 2014/30/EU),
Government Regulation no. 176/2008 Sb. (Directive 2006/42/ES).

Used harmonized standards, national standards and technical specifications:

ČSN EN ISO 12100:2011, ČSN EN 61000-6-4 ed.2:2007, ČSN EN 60204-1 ed:2007

The device is safe under conditions of normal and specific use.

The manufacturer has taken a measure to ensure the conformity of all equipment placed on the market with the technical documentation and basic requirements of the above Government Regulations (EU directives).

The conformity assessment was carried out according to §12, article 3, word a), ACT no. 22/1997 Sb. as amended

Popůvky 15.1.2020

Ing. Milan Plhák, executive director

.....
Place and date.....
Name and function of
responsible person.....
Signature

7. Disposal of equipment

Products intended for disposal must be disassembled and the individual components sorted according to the type of materials used (various types of metals, plastics).

Store the parts in a designated place for the collection and disposal of secondary raw materials.

8. Certificate of competition and quality of product

The appliance is complete with all accessories and equipment, without any faults and complies to valid standards ČSN.

Type of appliance	Extending boom light module for LEDSTRIP/RGB
Production number:	
Tested by: Name:	Signature:

9. Warranty

Product: Extending boom light module for LEDSTRIP/RGB

Supplier: AUTOGARD spol. s r.o., Nová 32, 664 41 Popůvky

Done in Popůvky on

AUTOGARD spol. s r.o.
provozovna: Nová 32
664 41 Popůvky
DIČ: CZ49446053, tel.: 545 214 149

.....
Signature and stamp

Length of warranty

Manufacturer AUTOGARD spol. s r.o., is responsible for construction, used material, production and functionality of delivered appliance in length of 24 months from handover to the customer. Uninstalled spare parts that were taken out by the manufacturer in warranty period and replaced for new ones become ownership of the manufacturer.

Conditions of warranty

The appliance has to be used for the purpose that was designed for. As a subject to warranty will not be considered damages that were caused by incorrect usage. Additionally, damages that were caused by 3rd party, will of good or incorrect storage. Prior agreement Any changes or alterations on appliance can only be done with prior agreement of the manufacturer.

Warranty expires

- a/ length of warranty is expired
- b/ by any changes or repair on appliance or its part carried out by unapproved (approved service is arranged by manufacturer)
- c/ by using non original spare parts and its appliance or alteration of changes to original parts without prior agreement with manufacturer.
- d/ connecting to current not in compliance with norms ČSN, or connecting to other power supply then stated by the manufacturer.
- e/ neglecting of regular service inspections by the manufacturer's authorized service center
- f/ by not paying the goods within payment terms
- g/ non-compliance with regular inspection intervals

Claim of warranty

Any claims on appliance has to be carried out with the goods supplier – manufacturer. The customer has to present valid Warranty list and describe the fault. Without presenting the warranty list the fault cannot be treated as an official claim for which warranty can be applied