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### AUXILIARY COMMAND 4 OUTPUTS 16A

This equipment allows the activation of equipment that has a current of up to 16 amps via remote control and through manual buttons. Aiming at safety, the electrical scheme already shows how to install an emergency button, so the ON/OFF button of the remote control will turn off all relay outputs in case of an accident.

Another possibility is the inclusion of other auxiliary commands up to a maximum of 16 outputs.

Through the relay outputs it is possible to activate motors, lamps, sockets, among other equipment of your property, all through the remote control that accompanies the equipment.

### FUNCTIONS

- Activation of equipment, motors, lights up to 16 amps per relay output.
- Accompanies a remote control. 30 m range.
- Possibility of placing up to 4 auxiliary command, totaling 16 relay outputs triggered by remote control.

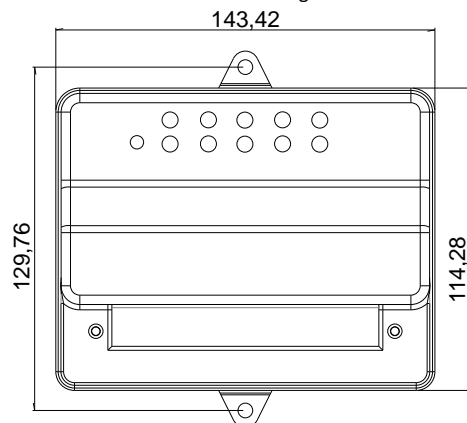
### IMPORTANT INFORMATION

- We advise the use of the emergency button to section the equipment power according to the connection diagram shown in this manual.
- For installation of 2 or more auxiliary commands, contact the technical or sales department.

### TECHNICAL SPECIFICATIONS

REMOTE CONTROL - IP 66 – Protected against dust and powerful jets of water in any direction.

AUXILIARY COMMAND - IP 63 – Protected against dust and water splashes.



### GUARANTEE

BRUSTEC equipment is warranted for one year as of the store sale invoice, if installed in accordance with the manual and covering only factory defects that will be evaluated by the company's service department.

**NOTE: The remote control battery is guaranteed for 90 days from the date shown on the sales invoice!**

### HOW TO PROCEED IF THERE IS ANY POTENTIAL DEFECT ON YOUR EQUIPMENT

1. Contact the store that sold the equipment, requesting support to find a possible solution or, if possible, a visit on-site of the technician for analysis.
2. If it is not possible to find the cause of the problem, contact the service department in our company and explain the problem to it so that some tests can be performed to detect the defect.

Contact phone: (47) 3350-3770

E-mail: [assistencia@brustec.com.br](mailto:assistencia@brustec.com.br)

### SOLVING FAILURES

- Equipment connected to the relays does not work: Check supply voltage, connection of the cables to the terminal, physical integrity of the shunt cables and splices.
- Remote control range is low: The command must be installed in an open place, if installed in the engine room for example, it automatically reduces the range of the remote control due to physical barriers.
- Control does not work: Check battery.
- Auxiliary Command does not turn on: Check the supply voltage, remove the cables connected to the command and connect the equipment, if it works the problem may be in the equipment connected to the relay outputs.

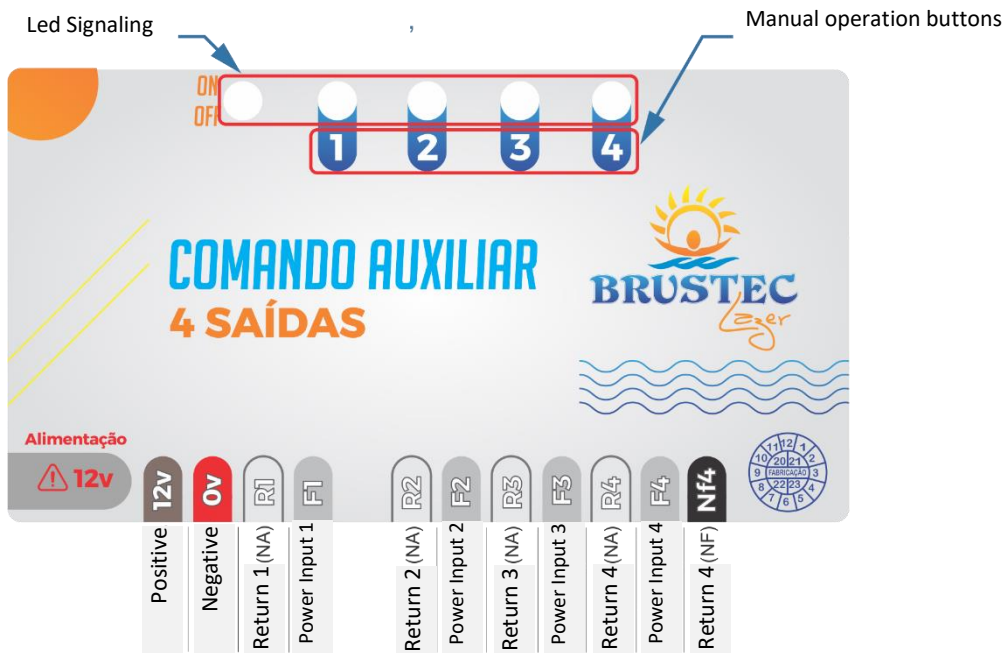
### ELECTRICAL INSTALLATIONS

Auxiliary Command with rated supply voltage 12 vdc, we recommend the use of Switched Sources. Follows connection diagram already with the use of equipment for DR 30 ma protection.

In the electrical installation of Brustec equipment, it should be noted that it is expressly important that the splices of the wires do not have any contact with water or moisture, for this it is necessary that the installation is done by a qualified professional and that it also follows NR10 and the current rules. To avoid problems, we advise you to use high fusion tape and insulation tape to insulate any splices. Failure to comply with this procedure will consequently void the product warranty, in case of claim.

**WE ADVISE INSTALLATION OF THIS EQUIPMENT IN AN OPEN AND VENTILATED PLACE TO AVOID PROBLEMS LIKE MOISTURE AND OXIDATION WHICH NORMALLY OCCUR IN ENGINE ROOMS.**

Below identification of terminals and buttons, to facilitate the installation and use of the equipment, having any questions contact our technician through the phones or emails already mentioned above.



#### ELECTRICAL DIAGRAM FOR INSTALLATION WITH MONOCHROME LED

On the side you have a connection scheme for driving monochrome reflectors and motors in the same equipment, this way you can drive all the equipment in the pool through the remote control.

If you do not want to use the reflector, you can use another motor or any electrical equipment in the place where the reflector is shown in the diagram next to it.

Remembering that the relay is only an electrical contact that enters and exits the power (Positive/phase), in this way you can never install, neutral or negative (0v) in your contacts.

If you choose to use a relay output for activation of 12v reflectors, it is possible to use the positive that powers the Auxiliary Command, making a jumper, according to the electrical scheme on the side.

