



REMOTE CARTRIDGES FOR ELECTROSHOCK DEVICES

CARTRIDGE MODELS: “REMOTE CARTRIDGE”, “REMOTE CARTRIDGE+”

User`s manual
ALSHP. 040155.023 UM

DESCRIPTION AND OPERATION

Purpose

Remote cartridge (RC) for electroshock devices (ESD) (models: “Remote cartridge” (RC) and Remote cartridge +” (RC+) is intended for remote electroshock influence.

Technical characteristics

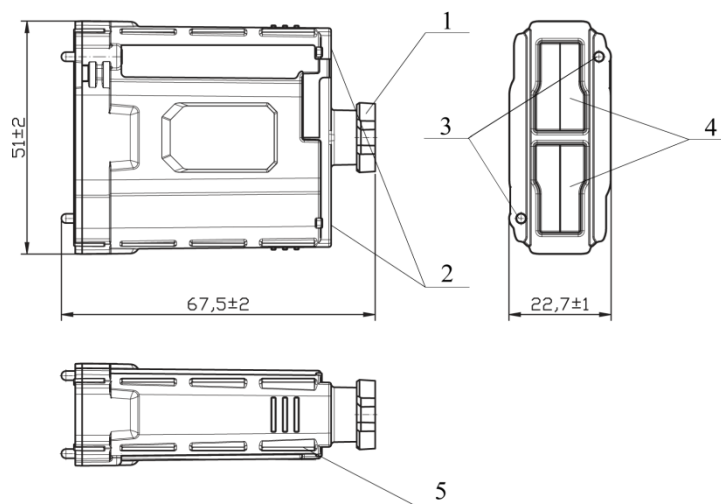
-Dimensions, mm	67,5 (± 2) x 51 (± 2) x 22,7 (± 1)
-Weight, kg	0,06 (± 0,003)
-Maximum distance of electroshock influence transportation, m	
model “RC”	5(±0,2)
model “RC+”	5(±0,2) and following the aim for the distance up to 8,5(±0,2)
-Durability, years	5
-Probe needle material	Steel with covering (gold)
-Climate conditions resistance: operates in the temperature range from –15C to +50 C and relative humidity up to 98% in the temperature +25C	

Construction

Remote cartridge is made in shock-resistant case and is composed of:

- bayonet mount (1), fixation element that allows setting it on remote-contact electroshock devices, executed as spring-supported pin. Construction of bayonet mount of flexible geometry allows setting the cartridge in the slot with rotational or translational motion;
- contact bases (2) that come in high voltage contact with the ESD`s electrodes for cartridge initiation;
- its own group of electrodes (3), that allow stunning an offender if the wires are ripped after the cartridge, installed on the ESD, is initiated;
- stopper plugs (4) that close booster channels and the wire, laid in individual sections;
- aiming line (5) (for some ESD models);

Two probes are located in the boosting channels; center of gravity is moved forward to provide a stable fixation on the target for needles with hitches. The probes are placed in the individual speeding up channels, have plastic feathering and a bracket for the connection of the probe with a wire. The wire is laid in the individual sections.



Operation

Remote cartridge is intended for exploitation on remote-contact electroshock devices (ESD) according to the ESD User`s manual. Cartridges are initiated due to the high-voltage energy between the ESD electrodes.

If the initiation and application rules are followed, remote cartridge is safe for the influenced object`s life and health.

ATTENTION! DO NOT REPAIR. CANNOT BE DISASSEMBLED.

ATTENTION! FOLLOW PRECAUTIONARY MEASURES. WHEN LOADING/UNLOADING THE CARTRIDGE, AIM IT AWAY FROM YOURSELF.

ATTENTION! TURN THE SAFETY ON WHEN LOADING/UNLOADING THE CARTRIDGE.

REMOTE CARTRIDGE IS DISPOSABLE AND CAN`T BE REESTABLISHED AFTER INITIATION.

DO NOT APPLY IN THE HEAD.

APPLICATION

Loading

Preparing the cartridge for loading:

1. Turn the ESD safety ON.
2. Install the cartridge's bayonet pin in the ESD slot according to the User's manual for ESD. ESD with an installed cartridge should be carried in protective case to avoid damaging the membrane.

Initiation

1. Aim working electrodes of the cartridge in the needed direction.
2. Turn the ESD safety OFF.
3. AIMING. For short distances of application (up to 3m.) one can aim intuitively. For more accurate aiming use "aiming line" of the cartridge (for some ESD models) or laser aiming module of electroshock device.
Cartridge doesn't have an adjustable sight therefore when aiming take into account that the probes flight trajectory isn't rectilinear.
Press the button of electroshock discharger activation.
ATTENTION! MINIMAL SAFE DISTANCE OF SAFE APPLICATION – 1 METER.
5. In case of full wire ripping after initiation, the object can be influenced with the cartridge's own group of working electrodes. Apply the ESD according to its User's manual.

Unloading

1. Turn the ESD safety ON.
2. Take the cartridge bayonet pin out of the ESD slot according to the User's manual for ESD

SAFETY MEASURE

1. KEEP THE MEMBRANE INTACT DURING STORAGE AND EXPLOITATION.
2. MINIMAL DISTANCE OF SAFE APPLICATION – 1 METER.
3. WHEN LOADING/UNLOADING THE CARTRIDGE, AIM IT AWAY FROM YOURSELF.
4. TURN THE SAFETY ON WHEN LOADING/UNLOADING THE CARTRIDGE.
5. KEEP AWAY FROM FIRE.
6. KEEP OUT OF THE REACH OF CHILDREN.

TRANSPORTATION AND STORAGE

Transportation and storage are possible in conditions that comply with group 2 of GOST 15150, in range of temperatures from -20 °C to +50 °C –climatic factors.

Cartridges can be transported by all means of transport if the conditions in group "C" GOST 51908 –mechanic factors.

UTILIZATION

The owner can utilize the cartridge on his own:

1. Turn the ESD safety ON.
2. Install the cartridge's bayonet pin on the ESD slot according to the User's manual for ESD.
3. Aim the cartridge (working electrodes) in the safe direction.
4. Turn the safety OFF.
5. Press the button of electroshock discharger activation.

Utilization can be made by manufacturer.

DELIVERY SET

1. Remote cartridge ALSHP. 040155.023 TU
2. User's manual ALSHP. 040155.023 UM
3. Packaging

GUARANTEE

Manufacturer guarantees the accordance of the product to the set characteristics if the user follows the exploitation rules set in this User's manual.

Guarantee storage time – 5 years.