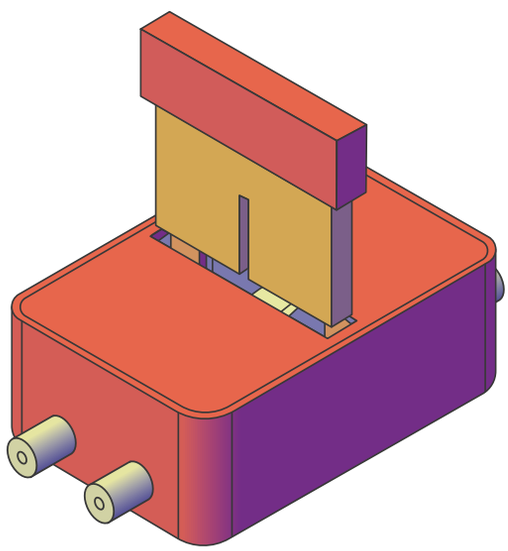
Short-circuiting switch of a blasting line



Description of the solution:

The short-circuit switch is designed in the form of a box comprising a bottom section with a bottom and a lid, with a conductive path embedded or 3D-printed into the bottom, comprising two independent conductors with electrical contacts outside the box, and each of the conductors of the path inside the box is electrically connected to a fuse socket designed in the form of a conductive insert placed in the socket that galvanically connects the two conductors of the conductive path.

Benefits of the solution:

- Ensuring the reliability of the galvanic connection of the conductors in harsh mine conditions.
- Increasing the speed of configuration .
- Providing a visual means of assessing the condition of the short-circuit switch, without having to remove the casing, from a greater distance.

Area of application:

Mining, blasting work

Technological readiness level:

8

Intellectual property:

Invention: P.449266

Owner:

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