Change a design of fastening of a jack for connection of a high-voltage rod to the electronic block in the FAMECA overhead 160 kV indicator

In the original device FAMECA the long and heavy high-voltage insulation rod rigidly fastens to the steel jack that also rigidly fixed on the printed-circuit-board with electronic components. During transportation and falling a rod on the ground the printed-circuit-board appears under influence of the significant mechanical pressure, leading occurrence of crazes in printed board conductors and to refusal of the device. To the further operation such devices are not so suitable

The original and simple unit of fastening of a steel jack (for external rod) to the printed-circuit-board with necessary degree of freedom is offered.

1 - a steel jack for connection insulation rod; 2 - springs; 3 - a flex electrical connection of a circuit of the printed-circuit-board with a jack 1