

B-1-H (G-G) Insulated Shunt, 100A Spring Clamps, 16/2.8 Cable**PHOTOS**

Product compliant with the requirements of IEC 60332-1-2:2004 and IEC 60900:2018 standards.

Conductor cross-section: 16 mm²
Application range: (16 ÷ 95) mm²
Long-term load capacity of the shunt: 100 A
Cable length: 2,8 m
Temperature range for continuous operation: -60 °C to +180 °C
Maximum instantaneous temperature: +220 °C

Due to continuous product development, product appearance may differ slightly from that shown in the photos.

CHARACTERISTICS

SILICOUL 1.1 kV insulated flexible copper line from OMERIN. Terminated with spring clips on both sides to allow installation on uninsulated line conductors. It is resistant to thermal shock, UV rays, ageing and most impregnating varnishes.

APPLICATION

A shunt used to temporarily shunt sections of electrical circuits to be dismantled for replacement or repair, while maintaining continuity of current flow in the circuits. Shunt used on bare conductors of overhead lines up to 1 kV.

STORAGE AND MAINTENANCE

The insulated shunt should be stored in a case in dry rooms, in a chemically non-aggressive atmosphere and protected against sunlight. Clean the cable and clamp insulating parts with a dry cloth. In case of heavy soiling, it is recommended to use ASOREL for cleaning. Cleaning with the preparation should be performed in an open space or in ventilated rooms.

To clean and maintain the conductive parts of clamps, use process oil that displaces moisture and improves electrical conductivity.

EXAMINATION

Before use, each shunt should be visually inspected by the user. An annual visual inspection by a suitably trained person is recommended to determine the suitability of the shunt for further service.

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Visual inspection includes checking:

- the insulation condition of the connection cables- the fibrous outer sheath,
- the insulation condition of the connection conductor clamps,
- the condition of the clamps of the connecting conductors.

A shunt whose components are damaged (cracks in the terminals) or excessively worn (deformation, signs of overheating) should be withdrawn from use in live work. In case of moisture, the shunt should be thoroughly dried before use.

CAUTION!

If the outer sheath of the conductors is damaged (fibrous layer) or if the insulation slips off at the connection clamps, the shunt must be withdrawn from live work.

FREQUENCY TESTS

For check and periodic inspection to be carried out in according to table.

	CHECK	PERIODIC INSPECITON
Who	Manager of team	Supervision
When	Before each use	Once a year
How	Visually (visual inspection)	Visually (visual inspection)

**Unless instructions say otherwise*