

Description

Receiver **POISK-2006M** is intended for damages location of any type in any power cables with voltage of 0.4-35 kV using the acoustic and induction methods.

The receiver can be used for:

- Power cables fault location using acoustic method during spark breakdown of core on its sheath (FP type SB);
- Buried power cables fault location using acoustic method during single-phase solid short-circuits (FP type SSC);
- Choosing exact cable from a cable bunch using acoustic method of open cable lines;
- determination of points with poor contact of sheath with cable core;
- determination of cable line route and the fault prelocation using induction method;
- determination of the depth of the buried cable;
- determination of the leak in the insulation of XLPE cable sheath or pipeline using potential method;
- determination of the leak in the insulation of low-voltage cable core to the ground using potential method.

Receiver **POISK-2006M** is designed for operation in conjunction with audio frequency generator **GZCH-2500** or Surge Wave Generator **SWG** with the following parameters:

- storage capacity for fault location type SSC 300-400 microfarads.
- at a charging voltage of 5-10 kV;
- pulse frequency 0.2-1 Hz.

Such **SWG** model is useful for location of SSC type faults.

To determine the SB damage, - storage capacity may be reduced to 1.5 μ F.

In addition for tracing the cable line under test (ie, determining the route of buried cable) or location of faults in cables such as phase-to-phase short-circuit is required audio frequency generator **GZCH-2500**.

