

An invention relates to the electric engineering and has a purpose to protect from electric current and dangerous current to earth leakage strike. The invention is used in the network with an insulated zero. The device has an additional unit for tune away from the interference, and if a signal for switch off is appeared, the unit scans the signal. The invention affords to upgrade a functional reliability of the protection from the leakage in the presence of the interference and the short transient processes, and excludes by this an unnecessary switching off the protected network.