

ELECTRIC INSTALLATION ARRANGEMENT AND METHOD FOR THE OPERATION OF AN ELECTRIC INSTALLATION ARRANGEMENT

Abstract

The invention relates to an electric installation arrangement (1) for the operation of an electric consumer network (2), having at least one first switch (3) for disconnecting at least one first consumer (4) and/or one partial network (30) from the consumer network (2), at least one first sensor (5) for detecting at least one first physical variable that is induced, or can be influenced, by the consumer network (2), and at least one first tripping unit (6), which switches off the first switch (3) within a first tripping time if a first tripping threshold value that can be predetermined is exceeded by a first measured variable proportional to the first variable, and thereby disconnects the consumer (4) and/or the partial network (30) from the consumer network (2). In order to prevent unnecessary disconnections from the network and guarantee high network availability, according to the invention the electric installation arrangement (1) has at least one first regulating and control unit (7) for the definable and automatic adjustment of the first tripping threshold value and/or of the first tripping time as a function of at least one control parameter.

Fig. 1