

The aim of the bachelor's thesis is to develop a demonstration kit for teaching electrical circuits at lower secondary school. The thesis briefly discusses the necessary parameters of the demonstration set depending on the content of the curriculum taught in lower secondary school. The criteria used in the selection of a physical aid are also mentioned. These are applied in the search of existing demonstration kits applicable in school physics. The thesis further describes in detail the development of individual components and summarizes the definitive version of the kit developed by us. The work considers the experience of testing the developed set in the teaching of physics at lower secondary school – with an emphasis on the elimination of identified shortcomings. The work provides suggestions for the use of the developed set in teaching physics at lower secondary school.