INTELLIGENT BUILDINGS – BUS SYSTEMS, MyHOME

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The paper is devoted to the implementation of smart building control system and the application of modern control at the user level. It provides a brief analysis of the situation on the Slovak market. Moreover, it studies a structure of the current intelligent solutions and compares different products offered by commercial companies. The paper also elaborates the characteristics of smart system MyHome by Legrand. It proposes and projects possible solutions to the standard living space. Drawing and configurations of individual devices of the projection were synoptically designed by software developed especially for the selected system. The proposed solution (along with a clarifying of the specific requirements of the systemic configuration and installation) can help to realize the implementation the specific project.

Key words: Intelligent building, Low-energy house, bus systems

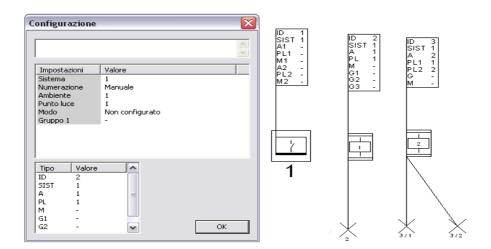


Figure 1: Example configuration DIN module with two relay (ID 3) in the program Tiplan 3.3