8. Home Automation System

Training objectives

• Analyzing the functionalities and principles of a home automation installation on KNX bus.
• Fitting and connecting the components.
• Configuring the system according to various scenarios.
• Grasping the concepts of energy efficiency.

Presentation

The KNX bench is designed to discover the home automation solutions for the residential and the commercial installations. The bench is made up of KNX products that are commonly used. The KNX modules are programmable and offers controllable network. The control functions improve comfort, security and flexibility for the occupant and owners. The system is complete, open and scalable.

Description

Components	
Description	Quantity.
Resi9 box with 3 rows	1
10 A 30 mA ground-leakage circuit breaker	1
KNX bus power supply	1
USB interface	1
Multi-function pushbutton unit with 2 buttons	1
Multi-function pushbutton unit with 8 buttons	1
Presence detector with infrared receiver	1
Switching actuator with 4 outputs	1
Dimming actuator with 4 outputs	1
ETS5 Lite software program, 1 license	2
USB programming lead	1
10 m EIB cables for KNX bus	1
Set of KNX connectors and terminal strips	1
Accessories Kit	1

References	
Description	Reference No.
Smart Home Automation - KNX Panel	AET-P01-HAS