

Smart home - document drafts

(fragments)

CONTENTS

<i>Contract for installation execution</i>	3
<i>Order for concept design for a KNX system</i>	11
<i>Order for execution of KNX installation design</i>	13
<i>Order for installation verification</i>	14
<i>Design verification contract</i>	15
<i>Confirmation of equipment transfer</i>	16
<i>Installation transfer protocol</i>	17
<i>Installation transfer protocol</i>	18
<i>Contract of transfer of system code</i>	19
<i>Guarantee inspection of the system</i>	20
<i>Maintenance inspection of the system</i>	21
<i>Notice of complaint.....</i>	22
<i>Call for payment I</i>	23
<i>Call for payment II</i>	24
<i>Call for payment III - final call for payment.....</i>	25
<i>Other guidebooks by this author</i>	26

Fragment 1 - Contract for installation execution

On in between:

.....
.....
....., represented by, referred to in this contract as the „**CONTRACTOR**” on the one side, and resident in termed in the contract as the „**ORDERER**” on the other side, referred to in the contract jointly as „**Parties**”; a contract for the execution of a refurbishment service was signed, referred to in the text as the „**Contract**”.

§1 SUBJECT OF THE CONTRACT

1. The subject of this Contract is the execution by the Contractor for the Orderer of an electric installation (referred to in the Contract as the „**Installation**”) in the building referred to as the „**Site**”, located in, and the payment by the Orderer to the Contractor of the set remuneration.
2. The execution of the Installation will entail the performance by the Contractor of the following work stages:
 - a) execution of an installation design, or the update of a design delivered by the Orderer;
 - b) laying of the installation cabling according to the design;
 - c) delivery of equipment and electric devices necessary for the fulfilment of the requirements of the Orderer;
 - d) installation of the devices delivered by the Contractor in the electric switch cabinet and on the Site;
 - e) programming of the devices delivered by the Contractor, and start-up of the Installation;
3. The scope of phases of work executed during the performance of the works, deadlines and remuneration of the Contractor are set forth in the text of the Contract or in attachments constituting its integral parts.
4. In case of arising of events independent of the parties after the day of signing of the contract, having the character of a force majeure, which would hinder the timely completion of the obligations – the Parties oblige to jointly determine a new date of completion of the Subject of the Contract. For the purposes of this Contract, a force majeure will be i. e.: war, uprisings, revolts, embargos, acts of terror, acts of the government or public offices, strikes, fires, epidemic.

[....]

Fragment 2 - Agreements to the phase of installation execution covering the design/adaptation of an electric installation design, regarding the requirements of the installation

§ 1 - Scope of works

1. The parties decide that the Contractor will prepare for the Orderer a design of layout of the cabling of the power supply (230V/400V) and control (KNX) installations.
2. The design work will not cover the selection of lamps and outlets and their locations. These issues are left up to the Orderer according to their tastes and needs. The Contractor will mark the locations in the executed design.
3. Modifications to a design not yet transferred to the Orderer, required in effect of submission by the Orderer of altered or new data or requirements, will be executed free of charge, result, however, in delay of design completion. Modifications to a design already transferred to the Orderer will be charged according to the value of necessary work agreed upon by the Parties.
4. The design will be prepared and transferred to the Orderer in copies.
5. The Orderer has the right to implement the design only once, at the site described in the Contract.
6. Copyrights to the design and project documentation remain with the Contractor. The Orderer does not have the right to sell, transfer, provide the design or documentation to other entities for the purpose of their repeated use without the written consent of the Contractor.

§ 2 - Payments

1. The value of this phase of installation execution is decided by the Parties to be (in words:), plus VAT.

§ 3 - Execution deadline

The Parties set the time of completion of the design to be four weeks from the moment of transfer to the Contractor of requirements regarding functionality of the installation and the architectural plans showing the locations of electric supply points.

.....
Place and date

Site name/investor:
Site address:
Basis for works: contract of

Fragment 3 - Installation transfer protocol

Drawn up in the presence of representatives of:
the investor:.....
the oversight inspector:
the Contractor:

The commission upon acquainting themselves with the documentation:
a. contract of
b. other documents:

and upon careful examination of the executed works and delivered equipment decides:

1. to consider them executed duly and flawlessly
2. to accept them upon prior removal of the following found flaws:

.....
.....
.....

3. To remove the following deficiencies:

.....
.....
.....

4. To recommend the execution of the following additional works:

.....
.....
.....

The deadline for removal of the above listed flaws and deficiencies and the execution of additional work is decided to be

In conclusion, the works are deemed to be completed on and transferred to the end user on this day.

.....
Investor

.....
Contractor

Fragment 4 - Maintenance inspection of the system

Dear sir,

My name is At company I am employed on the position of and I am the person responsible for proper functioning of installations, with particular care regarding the technical condition of the electric switch cabinet which was installed at your site. The electric switch cabinet is the heart of the whole smart home system and needs to be inspected regularly.

In care for your safety I would like to remind you of the necessity of executing a maintenance check up of the switch cabinets. The check up will entail a detailed check of the state of apparatus, protection devices and connections inside the switch cabinet. In order to illustrate how important periodic checks of the switch box are, below is an image of a burned component of an unmaintained switch cabinet.



This component is one of the key elements protecting against electric shock. Due to the current flow through the protection device, the mechanical stress on the terminals causes minute loosening of the screws, the consequence of which are sparks which can lead to complete destruction of the unit (the danger of fire increases), reducing your and the building's protection.

Taking into account the above stated information and your security, I await your decision. The cost of a maintenance inspection is + VAT.

Fragment 5 - Call for payment I

.....

Place and date

Issuer

.....

Name

.....

Address

.....

Address

Recipient

.....

First and last name

.....

Address

.....

Address

Sadly we have to inform that we had not recorded your payment for the following due invoices:

Number	Date of issue	Due date	Days past due	Gross amount	Remaining due balance

In this regard we are asking for immediate payment of the deferred amount to our account no.

.....

If you had effected the payment before receiving this notice - please treat it as out of date.

Best regards

.....

Date and signature of issuer

Other guidebooks by this author

How to make your house intelligent? (an e-mail training course in 20 parts)

This is the only free publication on the market to gather all basic information about intelligent home systems in a reader-friendly guide form. The guide is targeted primarily at persons building or designing a house or flat, but also at specialists and designers who would like to get to know the basics or have them all together in one publication. The guide has over 160 pages and is distributed via e-mail in 20 parts (with the option of downloading it in whole). You can read more and sign in at www.smarthome.eu/general-guide

How not to forget that one little cable?

Do you know that forgetting one little cable can cause you to break down your walls again and cause the family to complain that you weren't diligent enough to read the list of over 200 cables that you need to account for when designing the installation for your house? Learn more about this guide and order it at www.smarthome.eu/order-cables-guide

How to create a KNX design and installation?

Installation specialists and smart home system designers often seek answers to these and many related questions regarding the design and implementation of KNX systems. Browsing hundreds of pages of general material is time-consuming and ineffective. This, however, can be avoided. Learn more about this guide and order it at www.smarthome.eu/order-design-guide

How to Pick and Choose KNX Equipment?

There are now over 10000 devices and appliances for the KNX system offered by over 400 manufacturers. How to handle all of this? How to pick the device to best suit user expectations? From among over 10000 units, this guide, on over 100 pages, contains descriptions and/or images of over 200 of the most interesting devices and their uses, including a handful of practical tips. Find out more about this guide and order it at: www.smarthome.eu/order-units-guide

How to build an electric switch cabinet for the KNX system?

Step by step we will guide you through the process of assembly and construction of large electric switch cabinets. We will also tell you what you definitely cannot forget, and where you should take particular care. Learn more about this guide and order it at www.smarthome.eu/order-cabinet-guide

How to Start Up a KNX System?

A guide on programming KNX devices in the ETS application, or starting up a system. This guide will provide You with the knowledge You expect. It will replace a programming training seminar, and having read it, you will be able to single-handedly programme and start-up a KNX system i. e. for a small house. Learn more about this guide and order it at: www.smarthome.eu/order-startup-guide

How to win customers for premium products?

Solid information for everyone offering Premium-class products to their customers – expensive, luxury components for the home that are not required by most people, who still dream of them, and yet are available for the few who consider them absolutely necessary 😊
Learn more about this guide and order it at: www.smarthome.eu/order-clients-guide

Installations - document templates

I am providing templates of documents, designed by experts from SMARTech in consultation with lawyers. Apart from a contract draft for the execution of an installation, available are, among others, commissioning protocols, system verification documents, even calls for payment. Learn more about this guide and order it at www.smarthome.eu/order-documents-guide

The set of guidebooks about KNX systems and installations

All guidebooks above in one set you can buy with 30% discount.
www.smarthome.eu/knx-system-the-set-of-guidebooks

Ready Design Plans

A KNX system design for a house of 200 sq m

Based on this design you will learn how to execute other smart home designs and installations. The smart electric installation on its own (the design includes others as well) for a house of 200 sq m contains 171 modules in the switch cabinet, 130 cables running from the cabinet to the building, and several thousand connections. An experienced designer needs about 112 hours of work to create such a design. The time and money saved through the use of ready elements - this would be enough to calmly recommend the smart system design specifically to you.

Learn more about this guide and order it at www.smarthome.eu/order-plans-pdf

KNX system design - ETS files

Thanks to this, you can implement changes and load ready programs to devices according to your system within a few hours. You can be certain that everything will work correctly. This set consist ETS database and project files and list of functions implemented in typical 200m2 house.

Learn more about this guide and order it at www.smarthome.eu/order-plans-ets