Arcus-EDS

Application Description

Touch_IT C3 XX

KNX-TFT 3,5" Color Touch Display

preliminary

MAIN **3**

ELEMENTS **5**

CONFIGURATION ..... FEHLER! TEXTMARKE NICHT DEFINIERT.

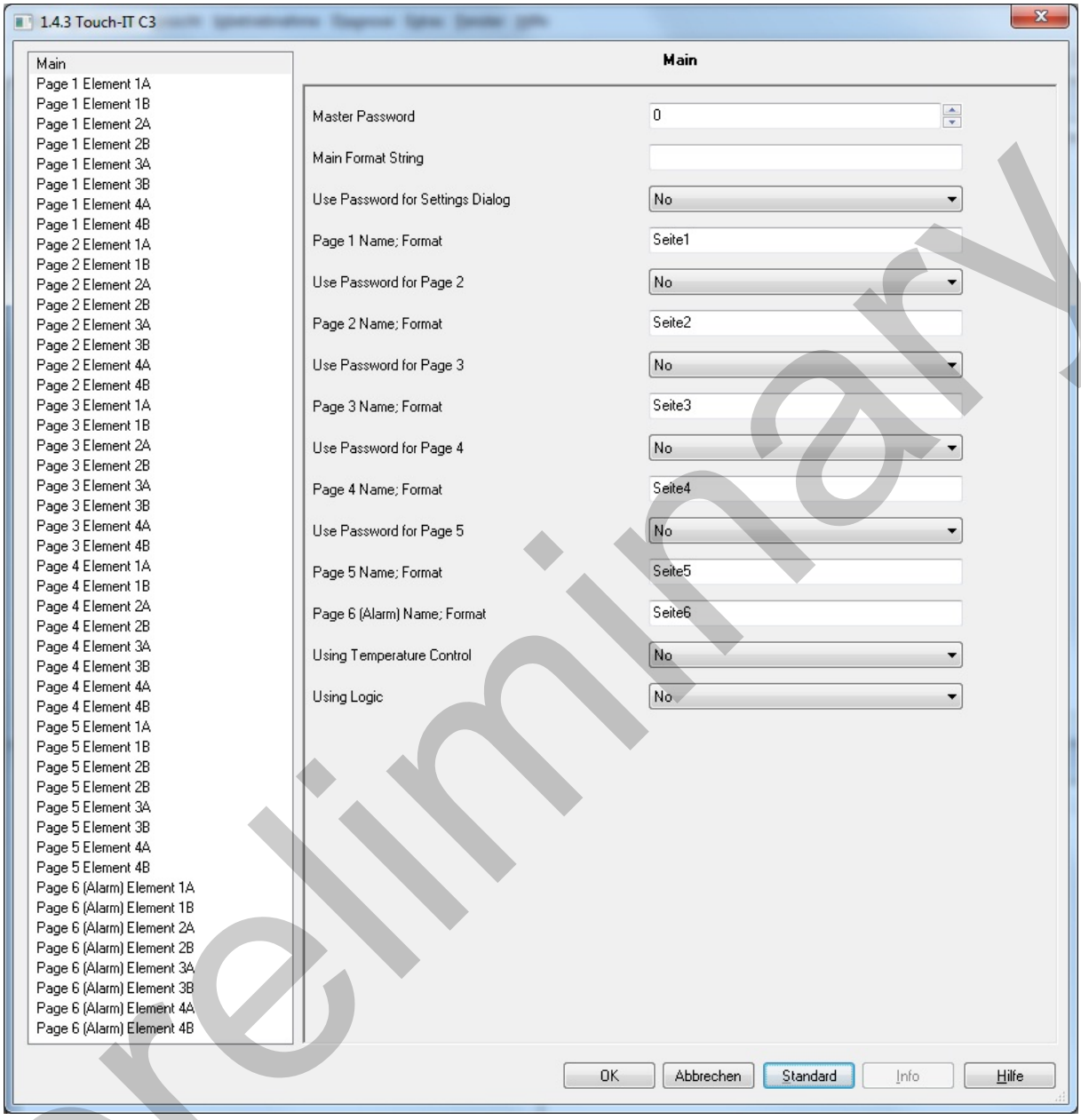
CLOCK 7
STANDBY 7
ACOUSTIC SIGNALS 8
CHARACTERS 8
BACK UP AND RESET 9
LAYOUT AND LANGUAGE 9

ETS ITEMS **10**

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

Main



- **Master Password:**

A four digit password can be assigned to protect or lock pages or functions. Entering “0” deactivates this function.

For example, if the password is a „1“ , then „0001“ should be entered on the Touch_IT to view the protected page or to carry out the function of a protected element.

- **Main Format String:**

If a layout with a main menu is selected, this menu can be labelled. Universal button configuration can be programmed here. The format must contain the form „Name: PARAMETER1=xx; PARAMETER2=yy …“. Before the first parameter there must be a semicolon and the parameters are separated by a semicolon.

BREPEAT= set the repetition rate.

BLONG= set how long the button must be held down until it is detected.

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

- **Use Password for Settings Dialog:**

System page with password protection.

- **Page 1 – 5 Name; Format**

The 5 pages are named here.

- **Use Password for Page 2 – 5**

A password can be used for every page except the first page, which is protected by the master password. This function is deactivated if no password is assigned.

- **Page 6 (Alarm) Name; Format**

Name the alarm page and set universal alarm settings. The line must contain the form „Name;PARAMETER1=xx; PARAMETER2=yy…“. Before the first parameter there must be a semicolon and the parameters are separated by a semicolon.

RESCAN= Timing in seconds for alarm button recheck

BEEPOFF= Number of acoustic warnings

AUTOHIDE The alarm page should be closed if alarm conditions are changed at a different position or are confirmed

- **Using Temperature Control:**

At this time the temperature controller has not been installed and thus has no function.

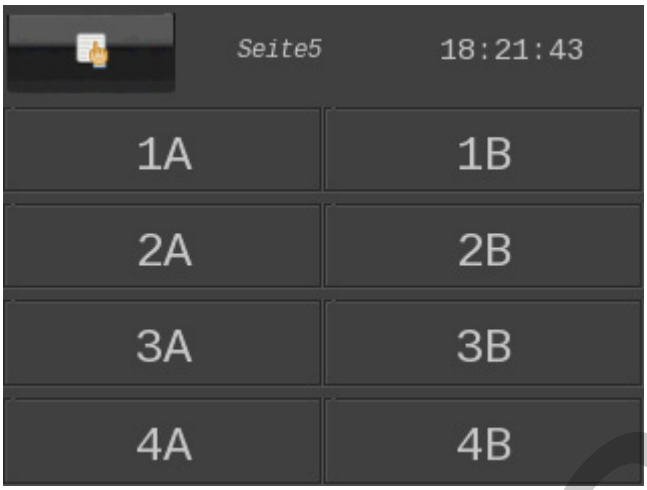
- **Using Logic:**

At this time the logic module has not been installed and thus has no function.

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

Elements

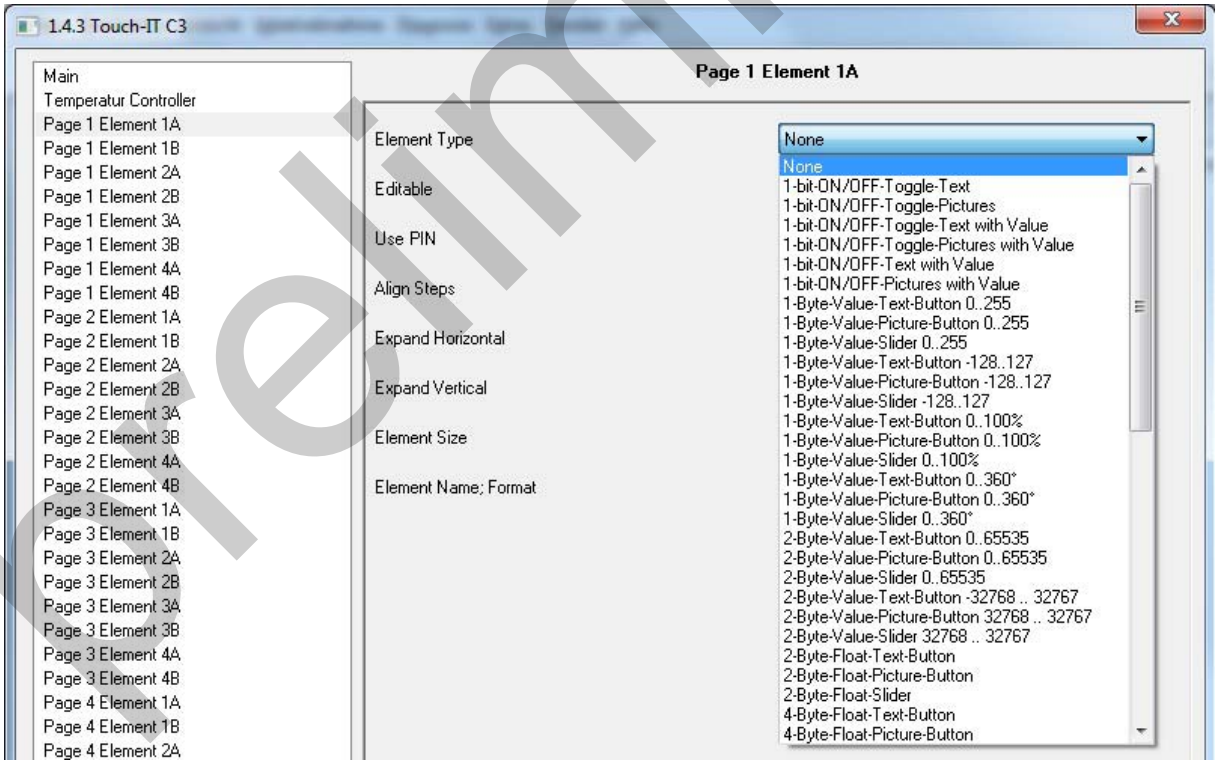


The above shows the list of elements. Per page there is a maximum of 4 lines and 2 columns.

Parameterization is carried out as follows:

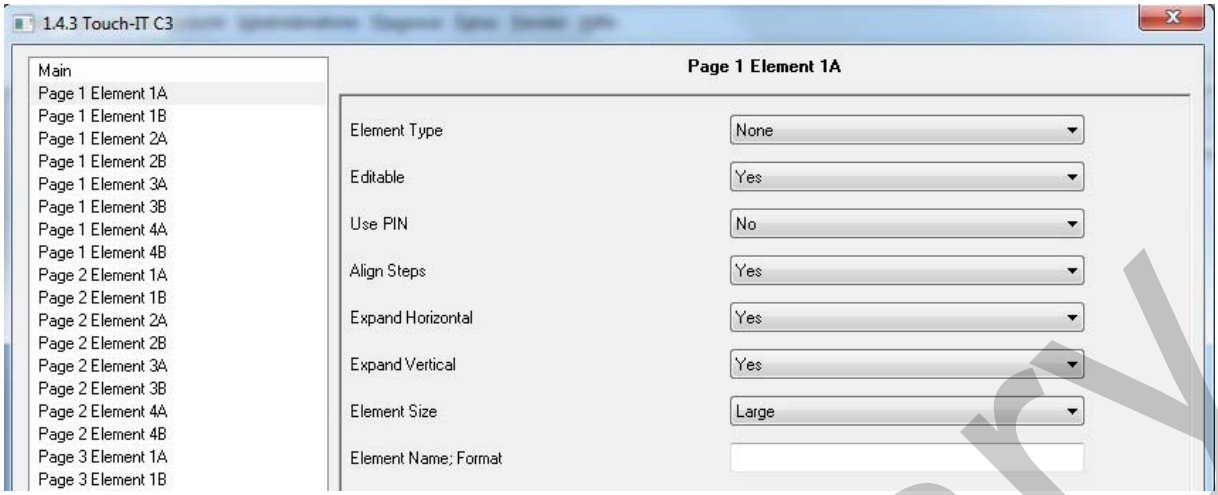
- **Element Type**

  Choose from 1 Bit to 14 Byte strings. A list of all the strings is found in the document “Element Type Description”.



Preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de



- **Edit**

The Touch_IT element can be operated only when the selection is activated. When not activated the elements can only be viewed.

- **Use PIN**

To protect the element with a password, press the „Use PIN“ button. Parameters can be set in the field „Element Name, Format“:

- No additional value listed → Use MasterPIN
- PIN= XXXX → PIN XXXX is used for this element
- PPIN → 2nd function protected by MasterPIN
- PPIN=XXXX → 2nd function protected by PIN XXXX

- **Align Steps**

Increments for setpoint specifications or slider are determined with STEPS. When Align Steps is activated the increments are aligned evenly. For example, using a positive increment of 0,5°C, 0,6°C is changed to either 1,1°C or 1,0°C when the alignment is active.

- **Expand Horizontal**

The element is expanded horizontally to its maximum position as long as no other element is in the same line.

- **Expand Vertical**

The element is expanded vertically to its maximum position as long as no other element is in the same column.

- **Element Size**

4 sizes are available: **Small**, **Normal**, **Large** and **X-Large.** Calibrate the device by choosing **configuration** and then **characters**.

- **Element Name; Format**

The element can be labelled, which is then shown on the left above the button on the Touch_IT. Additional parameter settings can be carried out here. The line must contain the form „Name;PARAMETER1=xx; PARAMETER2=yy…“. Before the first parameter there must be a semicolon and the parameters are separated by a semicolon. Refer to the document “Element Type Description” to obtain the parameter.

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

Configuration

The following parameters for the Touch_IT can be set here.

- Time and Date
- Standby
- Acoustic Signals
- Characters
- Save and Reset
- Layouts & Language

Configuration

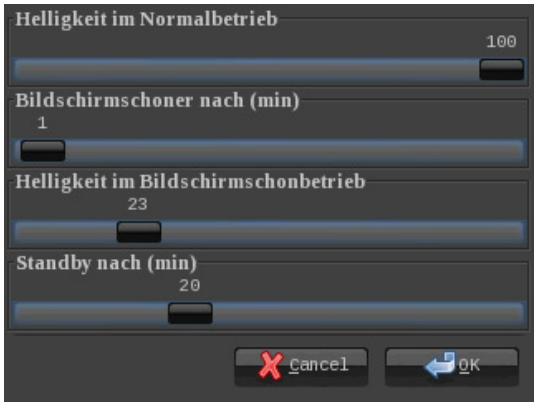
Configuring Time

The time and date are set on the Touch_IT or by using the system object.

Time and Date

Configuring Standby

Once installed, normal mode brightness and the screen saver can be set, as well as a chronology. (Screen Saver and Standby)



Standby

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

Configuring Acoustic Signals

The volume, frequency and length of button sounds can be freely calibrated.
The alarm volume can also be set.

Acoustic Signals

Configuring Fonts

Element sizes for ETS can be freely adjusted.

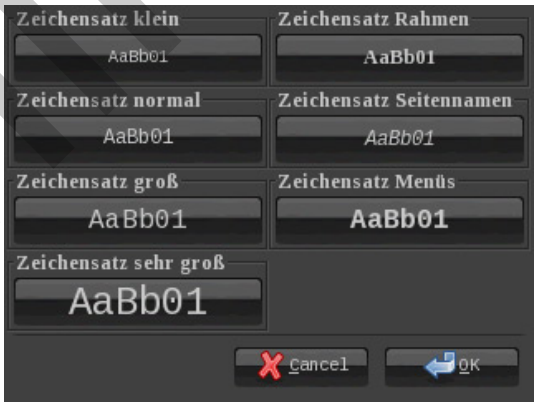
ETS (Element Size) → Touch_IT (Fonts)
Small → small
Normal → normal
Large → large
X-Large → very large

It is also possible to change:

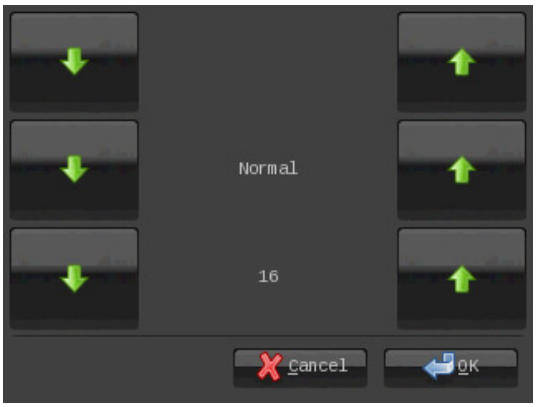
- Frame Notation
- Page Names
- Menu

Adjustable parameters are:

- font
- type
- size



Characters



Adjusting Fonts

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

Configuring Save and Reset

Show current firmware version.

System configuration (Characters, Layout, Menu Navigation, Standby, etc) can be saved onto internal disks or SD cards and reloaded from there.

Save and Reset

Configuring Layouts & Languages

Several layouts are available.

The device can switch between German and English and additional languages will soon be available.

6 Navigation Items:

- Menu View
- Multilingual Menu
- Upper Tabs
- Right Tabs
- Left Tabs
- Arrows Up

Choice of Screen Savers:

- Stationary Picture
- Dynamic Picture
- Time and Date

Layouts & Language

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

ETS Objekte

Nu...	Name	Funktion	Beschreibung	Gruppenadressen	Länge	K	L	S	Ü	A	Datentyp	Priorität
192	System Time	System Time			3 Byte	K	L	S	Ü	-	Time DPT_TimeOfDay	Niedrig
193	System Date	System Date			3 Byte	K	L	S	Ü	-	Date DPT_Date	Niedrig
194	System Standby	System Standby			1 bit	K	L	S	-	A	1 bit	Niedrig
195	System LED1	System LED1			1 bit	K	L	S	-	A	1 bit DPT_Switch	Niedrig
196	System LED2	System LED2			1 bit	K	L	S	-	A	1 bit	Niedrig

Up to 196 group addresses can be administered. If no elements are activated, only the system object in the topology is shown.

E.g. If element 1A on page 1 is activated and defined as 1 bit object, the topology changes as follows:.

Nu...	Name	Funktion	Beschreibung	Gruppenadressen	Länge	K	L	S	Ü	A	Datentyp	Priorität
0	1.1-A Output, Switching	Switch			1 bit	K	L	S	Ü	A	1 bit	Niedrig
1	1.1-A Input, Feedback	Switch			1 bit	K	L	S	Ü	A	1 bit	Niedrig
192	System Time	System Time			3 Byte	K	L	S	Ü	-	Time DPT_TimeOfDay	Niedrig
193	System Date	System Date			3 Byte	K	L	S	Ü	-	Date DPT_Date	Niedrig
194	System Standby	System Standby			1 bit	K	L	S	-	A	1 bit	Niedrig
195	System LED1	System LED1			1 bit	K	L	S	-	A	1 bit DPT_Switch	Niedrig
196	System LED2	System LED2			1 bit	K	L	S	-	A	1 bit	Niedrig

Every element has connectable function-specific objects (see document „Element Type Description“). The exact relationship between the parameter view and object view in the topology is solved as follows:

E.g.
Page 3 Element 2B equates to **3.2-B** in the topology.

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de

Imprint:

Publisher: Arcus-EDS GmbH, Rigaer Str. 88, 10247 Berlin

Responsible for Content: Hjalmar Hevers, Reinhard Pegelow

Reprints, including partial reprints, can be made only with expressed permission from Arcus-EDS GmbH.
This information is the best to our knowledge and is without guarantee. We reserve the right to make any technical and price changes at any time.

Liability:
Selection and determining the appropriateness of the devices for a designated purpose is the customer's full responsibility. We offer no liability or guarantee for this. The data in the catalogue and data sheets is a result of experienced measurements and does not embody a guarantee of particular features. Arcus excludes responsibility for damage done on the part of the customer due to improper operation/projecting or malfunctions. On the contrary, the operator/projector must ensure that improper operation, and projection and malfunctions do not lead to any further damage.

Safety Guidelines:
Attention! Installing and assembling electrical devices must only be done by an electronics specialist. The customer should be aware of and adhere to the safety guidelines of VDE, TÜV and the appropriate energy provider. Our guarantee does not include defects and damage caused by improper use or non-compliance of operating instructions.

Warranty:
We provide a warranty as required by law. Please contact us in case of malfunction and send the device with a full description of the fault to the address below

Manufacturer:

Registered Trademarks:

The CE Trademark is an unofficial market trademark used exclusively by authorities and provides no warranty of properties.

Registered Trademark of Konnex Association

preliminary

Arcus-EDS GmbH, Rigaer Str. 88 , 10247 Berlin, Tel.: 0049/30/25933914, Fax.: 0049/30/25933915
Info@arcus-eds.de www.arcus-eds.de