

SPECIMEN PROJECTS FOR CORLO TOUCH KNX 5IN

Information about the ETS project files with specimen settings



CORLO TOUCH KNX 5IN: INFORMATION ABOUT THE ETS PROJECT FILES WITH SPECIMEN SETTINGS

Device applications used in the sample project:



KNX room controller with touch display
Corlo Touch KNX 5in (WL)
Elsner 70481, 70475

[Download sample project here](#)

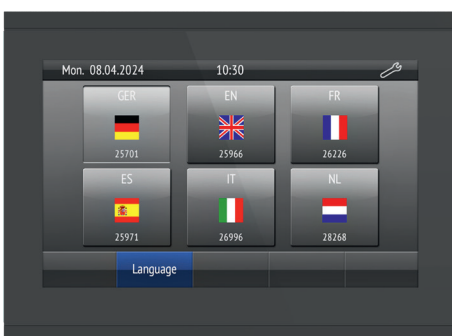
Download the project file from www.elsner-elektronik.de and import it into ETS for this. See how the specimen devices have been configured. Test the display by transferring the project to a Corlo Touch. Then copy those parts that are suitable for your project and change them as required.

00 GENERAL INFORMATION

The Corlo Touch KNX display offers many features to customize screen page views to the project conditions and personal preferences. Below are some possible page displays.

The specimen files provided help integrators to understand the settings on the Corlo Touch KNX and to transfer these to their projects.

01 DISPLAY PAGE WITH LANGUAGE SELECTION



- Display page with six language selection fields

The project file contains a Corlo Touch KNX in the „Sample structure“ space.

Settings in the ETC menu area „Page 2“ have been customized for the **language selection** page.

The system language and the language of the editable texts (texts on the display pages) is changed via the objects „Page 2 fields 1-6 - input/output 16-bit“. Those objects are linked to the objects „System/editable text language selection“.

Object numbers of the fields (output): 151, 155, 159, 163, 167, 171

Object numbers for language change (input): 3, 4

02 DISPLAY PAGE WITH LANGUAGE SELECTION. DISPLAY OF TIME, SCREEN SAVER WITH DIGITAL CLOCK.



- Display page with six language selection fields
- Displays the current time and date in the top bar
- Screen saver with digital clock

In the project file, time data is transferred from the Suntracer KNX sl weather station located in the „Outside area“ space. A Corlo Touch KNX is in the „Sample structure“ space.

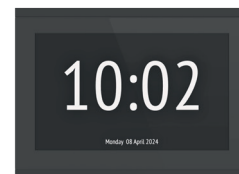
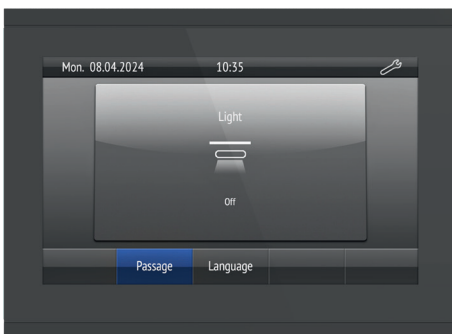
Settings in the ETC menu area „Page 2“ have been customized for the **language selection** page (see example 01).

The „date“ and „time“ and „date and time query“ objects from the Suntracer KNX sl weather station have been linked to the respective corresponding Corlo Touch KNX objects for **time transfer**. As soon as the Corlo display receives the data, this is displayed in the top bar.

Weather station time object numbers: 26, 27, 28
Corlo time object numbers: 8, 9, 10

The **screen saver** has been enabled in the „Screen“ menu, „Use screen saver“ section and the type (clock) was selected. Additionally, the user has set the screen saver to disable itself when the display is approached.

03 DISPLAY PAGES WITH LIGHT SWITCH AND WITH LANGUAGE SELECTION. DISPLAY OF TIME, SCREEN SAVER.



- Display page with one light switching field
- Display page with six language selection fields
- Displays the current time and date in the top bar
- Screen saver with digital clock

In the project file, the time data is transferred from the Suntracer KNX sl weather station located in the „sensors-actuators“ space. The actuator KNX S1R-B4-UP 230V for the lighting is also loaded in this space. A Corlo Touch KNX is in the „Sample structure“ space.

Settings in the ETC menu area „Page 2“ have been customized for the **language selection** page (see example 01).

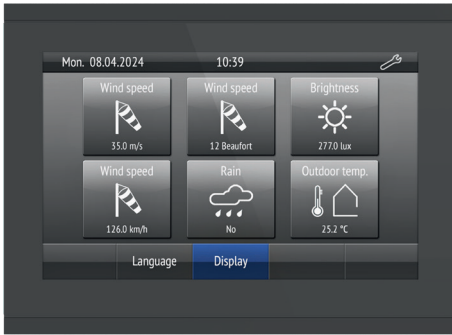
The time objects from the weather station and Corlo Touch KNX were linked for the **time transfer** (see example 02).

The **screen saver** was configured in the ETS menu area „Display“ in the „Use screen saver“ section (see example 02).

Settings in the ETC menu area „Page 1“ have been customized for the **light switch** page. The actuator was set to „switching function“ and input 1 (actuator button) configured. The object „Page 1 area 1“ of the Corlo Touch is linked to the „Channel A1 - switch“ actuator objects. At the same time, the „Channel A1 - response“ actuator object is used to switch the light symbol on the Corlo to ON or OFF.

Corlo object number: 101
Actuator object numbers: 110, 111

04 DISPLAY PAGES WITH LANGUAGE SELECTION AND WITH WEATHER DATA. DISPLAY OF TIME, SCREEN SAVER.



- Weather data display page on Corlo
- Display page with six language selection fields
- Displays the current time and date in the top bar
- Screen saver with digital clock

In the project file, the time and weather data are transferred from the Suntracser KNX sl weather station located in the „sensors-actuators“ space. A Corlo Touch KNX is in the „Sample structure“ space.

Settings in the ETS menu area „Page 2“ have been customized for the **language selection page** (see example 01).

The time objects from the weather station and Corlo Touch KNX were linked for the **time transfer** (see example 02).

The **screen saver** was configured in the ETS menu area „Display“ in the „Use screen saver“ section (see example 02).

Settings in the ETS menu area „Page 10“ have been customized for the **weather data page**. The objects „Rain: switched output with set delays“ (rain yes/no), „Temp. sensor: reading“ (outdoor temperature), „Sensor brightness reading“ (outdoor brightness), „Wind sensor: reading [m/s]“ and „Wind sensor: reading [Beaufort]“ from the Suntracser KNX sl weather station are linked via the Corlo Touch „Page 10 area 1-6 - input“ objects.

Object numbers for Corlo fields (input): 551, 555, 559, 563, 567, 571
 Suntracser KNX sl weather data object numbers (output): 35, 43, 95, 272, 273

05 DISPLAY PAGES FOR AWNING OPERATION WITH LANGUAGE SELECTION & WEATHER DATA. INTERNAL AUTOMATIC SHADING. DISPLAY OF TIME, SCREEN SAVER.



- Display page with rocker and fields for awning, internal shading automation
- Display page with six language selection fields
- Display page with six fields to show weather data
- Displays the current time and date in the top bar
- Screen saver with digital clock

In the project file, the time and weather data are transferred from the Suntracser KNX sl weather station located in the „sensors-actuators“ space. The KNX S1R-B4-UP 230V actuator for the shading drive is also loaded in this space. A Corlo Touch KNX is in the „Sample structure“ space.

Settings in the ETC menu area „Page 2“ have been customized for the **language selection page** (see example 01).

Settings in the ETS menu area „Page 10“ have been customized for the **weather data page**, and Suntracser KNX sl weather station weather data objects linked to the fields on the Corlo display page (see example 04).

The time objects from the weather station and Corlo Touch KNX were linked for the **time transfer** (see example 02).

The **screen saver** was configured in the ETS menu area „Display“ in the „Use screen saver“ section (see example 02).

Settings in the ETC menu area „Page 1“ have been customized for the **awning page**. Field 2 - „Settings“ - was defined as the command to jump to the „Automatic shading“ menu. The actuator was set to „Awning“ and inputs 1 and 2 (actuator buttons) were configured.

The Corlo Touch „Page 1 rocker 1...“ objects are linked with the „Channel A - manual long term/short term“ and „Manual movement position“ actuator objects. The rocker thus detects long and short movement commands and shows the position as well as the correct symbol.

The Corlo „Page 1 field 1“ object is linked to the „Auto1 automatic reset“ object. The field thus shows manual or automatic operation mode and can be used to switch the mode.

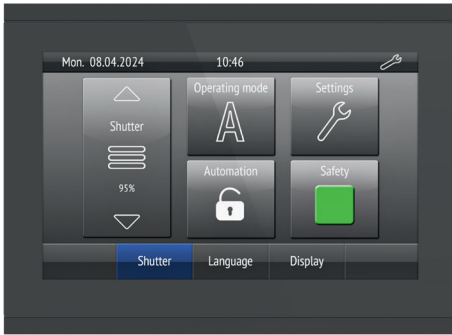
The Corlo „Page 1 area 3“ object is linked to the „Auto1 lock“ object. This button therefore switches off (blocks) automatic mode. Safety functions such as rain or wind alarms continue to run even if automatic mode is blocked.

The Corlo „Page 1 field 4“ object is linked to the „Auto1 safety“ object. This field therefore shows if shading is blocked for manual operation due to a safety function (rain, wind or frost alarm).

Rocker/Corlo field object numbers:	101, 109, 113, 133, 134, 135, 137
Actuator object numbers:	11, 12, 13, 21, 23, 78, 90
Corlo automatic shading mode object numbers:	611, 612, 613, 619, 621, 622

In addition, a typical **automatic shading mode** for a shutter have been configured in the ETS menu area „Automatic“ of the Corlo Touch (Automation 1). The automatic area of the actuator has been set to „external automatic mode“ in order to execute commands received from the Corlo Touch KNX.

06 DISPLAY PAGES FOR SHUTTER OPERATION WITH LANGUAGE SELECTION & WEATHER DATA. INTERNAL AUTOMATIC SHADING. DISPLAY OF TIME, SCREEN SAVER.



- Display page with rocker and fields for shutter, internal shading automation
- Display page with six language selection fields
- Display page with six fields to show weather data
- Displays the current time and date in the top bar
- Screen saver with digital clock

In the project file, the time and weather data are transferred from the Suntraccer KNX sl weather station located in the „sensors-actuators“ space. The KNX S1R-B4-UP 230V actuator for the shading drive is also loaded in this space. A Corlo Touch KNX is in the „Sample structure“ space.

Settings in the ETC menu area „Page 2“ have been customized for the **language selection page** (see example 01).

Settings in the ETS menu area „Page 10“ have been customized for the **weather data page**, and Suntraccer KNX sl weather station weather data objects linked to the fields on the Corlo display page (see example 04).

The time objects from the weather station and Corlo Touch KNX were linked for the **time transfer** (see example 02).

The **screen saver** was configured in the ETS menu area „Display“ in the „Use screen saver“ section (see example 02).

Settings in the ETC menu area „Page 1“ have been customized for the **shutter page**. Field 2 - „Settings“ - was defined as the command to jump to the „Automatic shading“ menu. The actuator was set to „Shutter“ and inputs 1 and 2 (actuator buttons) were configured.

The Corlo Touch „Page 1 rocker 1...“ objects are linked with the „Channel A - manual long term/short term“ and „Manual movement position“ actuator objects. The rocker thus detects long and short movement commands and shows the position as well as the correct symbol.

The Corlo „Page 1 field 1“ object is linked to the „Auto1 automatic reset“ object. The field thus shows manual or automatic operation mode and can be used to switch the mode.

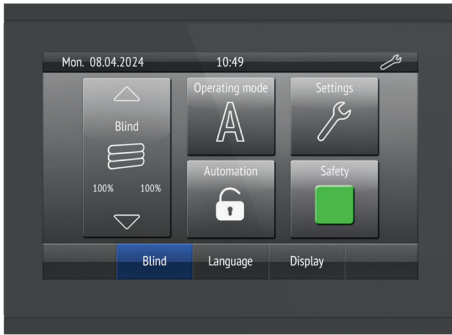
The Corlo „Page 1 area 3“ object is linked to the „Auto1 lock“ object. This button therefore switches off (blocks) automatic mode. Safety functions such as rain or wind alarms continue to run even if automatic mode is blocked.

The Corlo „Page 1 field 4“ object is linked to the „Auto1 safety“ object. This field therefore shows if shading is blocked for manual operation due to a safety function (rain, wind or frost alarm).

Rocker/Corlo field object numbers:	101, 109, 113, 133, 134, 135, 137
Actuator object numbers:	11, 12, 13, 21, 23, 78, 90
Objekt-Nummern Beschattungsautomatik Corlo:	611, 612, 613, 619, 621, 622

In addition, a typical **automatic shading mode** for a shutter have been configured in the ETS menu area „Automatic“ of the Corlo Touch (Automation 1). The automatic area of the actuator has been set to „external automatic mode“ in order to execute commands received from the Corlo Touch KNX.

07 DISPLAY PAGES FOR BLIND OPERATION WITH LANGUAGE SELECTION AND WEATHER DATA. INTERNAL AUTOMATIC SHADING. DISPLAY OF TIME, SCREEN SAVER.



- Display page with rocker and fields for blind, internal shading automation
- Display page with six language selection fields
- Display page with six fields to show weather data
- Displays the current time and date in the top bar
- Screen saver with digital clock

In the project file, the time and weather data are transferred from the Suntracser KNX sl weather station located in the „sensors-actuators“ space. The KNX S1R-B4-UP 230V actuator for the shading drive is also loaded in this space. A Corlo Touch KNX is in the „Sample structure“ space.

Settings in the ETC menu area „Page 2“ have been customized for the **language selection page** (see example 01).

Settings in the ETS menu area „Page 10“ have been customized for the **weather data page**, and Suntracser KNX sl weather station weather data objects linked to the fields on the Corlo display page (see example 04).

The time objects from the weather station and Corlo Touch KNX were linked for the **time transfer** (see example 02).

The **screen saver** was configured in the ETS menu area „Display“ in the „Use screen saver“ section (see example 02).

Settings in the ETC menu area „Page 1“ have been customized for the **blind page**. Field 2 - „Settings“ - was defined as the command to jump to the „Automatic shading“ menu. The actuator was set to „Blind“ and inputs 1 and 2 (actuator buttons) were configured.

The Corlo Touch „Page 1 rocker 1...“ objects are linked with the „Channel A - manual long term/short term“ and „Manual movement position“ actuator objects. The rocker thus detects long and short movement commands and shows the position as well as the correct symbol.

The Corlo „Page 1 field 1“ object is linked to the „Auto1 automatic reset“ object. The field thus shows manual or automatic operation mode and can be used to switch the mode.

The Corlo „Page 1 area 3“ object is linked to the „Auto1 lock“ object. This button therefore switches off (blocks) automatic mode. Safety functions such as rain or wind alarms continue to run even if automatic mode is blocked.

The Corlo „Page 1 field 4“ object is linked to the „Auto1 safety“ object. This field therefore shows if shading is blocked for manual operation due to a safety function (rain, wind or frost alarm).

Rocker/Corlo field object numbers:	101, 109, 113, 133, 134, 135, 137
Actuator object numbers:	11, 12, 13, 21, 23, 78, 90
Corlo automatic shading mode object numbers:	611, 612, 613, 619, 620, 621, 622

In addition, a typical **automatic shading** mode for a shutter have been configured in the ETS menu area „Automatic“ of the Corlo Touch (Automation 1). The automatic area of the actuator has been set to „external automatic mode“ in order to execute commands received from the Corlo Touch KNX.

08 DISPLAY PAGES FOR WINDOW OPERATION, WITH LANGUAGE SELECTION AND WEATHER DATA. INTERNAL AUTOMATIC WINDOW VENTILATION.DISPLAY OF TIME, SCREEN SAVER.



- Display page with rocker and fields for window, internal automatic window ventilation
- Display page with six language selection fields
- Display page with six fields to show weather data
- Displays the current time and date in the top bar
- Screen saver with digital clock

In the project file, the time and weather data are transferred from the Suntracser KNX sl weather station located in the „sensors-actuators“ space. The KNX S1R-B4-UP 230V actuator for the window drive is also loaded in this room. A Corlo Touch KNX is in the „Sample structure“ space.

Settings in the ETC menu area „Page 2“ have been customized for the **language selection page** (see example 01).

Settings in the ETS menu area „Page 10“ have been customized for the **weather data page**, and Suntracser KNX sl weather station weather data objects linked to the fields on the Corlo display page (see example 04).

The time objects from the weather station and Corlo Touch KNX were linked for the **time transfer** (see example 02).

The **screen saver** was configured in the ETS menu area „Display“ in the „Use screen saver“ section (see example 02).

Settings in the ETC menu area „Page 1“ have been customized for the **window page**. Field 2 - „Settings“ - was defined as the command to jump to the „Automatic window ventilation“ menu. The actuator was set to „window“ and inputs 1 and 2 (actuator buttons) configured.

The Corlo Touch „Page 1 rocker 1...“ objects are linked with the „Channel A - manual long term/short term“ and „Manual movement position“ actuator objects. The rocker thus detects long and short movement commands and shows the position as well as the correct symbol.

The Corlo „Page 1 field 1“ object is linked to the „Auto1 automatic reset“ object. The field thus shows manual or automatic operation mode and can be used to switch the mode.

The Corlo „Page 1 area 3“ object is linked to the „Auto1 lock“ object. This button therefore switches off (blocks) automatic mode. Safety functions such as rain or wind alarms continue to run even if automatic mode is blocked.

The Corlo „Page 1 field 4“ object is linked to the „Auto1 safety“ object. This field therefore shows whether the window is blocked for manual operation due to a safety function (rain, wind or frost alarm).

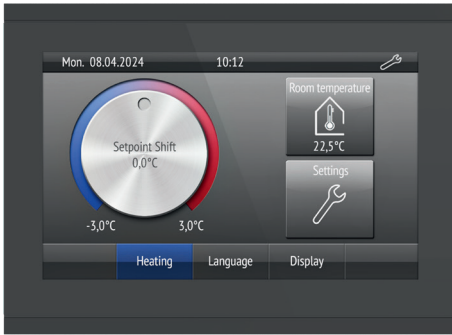
Rocker/Corlo field object numbers: 101, 109, 113, 133, 134, 135, 137.

Actuator object numbers: 11, 12, 13, 21, 23, 78, 90.

Corlo automatic window ventilation mode object numbers: 611, 612, 613, 619, 623.

In addition, a typical **automatic window ventilation mode** has been configured in the ETS menu area „Automatic“ of the Corlo Touch (Automatic 1). The automatic area of the actuator has been set to „external automatic mode“ in order to execute commands received from the Corlo Touch KNX.

09 DISPLAY PAGES FOR TEMPERATURE CONTROL, WITH LANGUAGE SELECTION AND WEATHER DATA. INTERNAL TEMPERATURE CONTROL. DISPLAY OF TIME, SCREEN SAVER.



- Display page with rotary knob and fields for temperature selection, internal 1 level automatic heating mode
- Display page with six language selection fields
- Display page with six fields to show weather data
- Displays the current time and date in the top bar
- Screen saver with digital clock

In der Projektdatei werden die Zeit- und Wetter-Daten von der Wetterstation Suntracer KNX sl übertragen, die im Raum „Sensoren-Aktoren“ platziert ist. Dort ist auch der Aktor KNX K4 für die Heizungssteuerung geladen. Ein Corlo Touch KNX ist im Raum „Musteraufbau“ vorhanden.

Settings in the ETC menu area „Page 2“ have been customized for the **language selection page** (see example 01).

Settings in the ETS menu area „Page 10“ have been customized for the weather data page, and Suntracer KNX sl weather station weather data objects linked to the fields on the Corlo display page (see example 04).

The time objects from the weather station and Corlo Touch KNX were linked for the **time transfer** (see example 02).

The **screen saver** was configured in the ETS menu area „Display“ in the „Use screen saver“ section (see example 02).

Settings in the ETC menu area „Page 1“ have been customized for the **temperature control page**. Field 2 - „Settings“ - has been defined as a jump to the „Temperature control“ menu (operation mode switch, nominal values and control variable display).

The Corlo Touch „Page 1 rotary control“ object is linked to the „Auto1 temp base nominal value shift 16-bit“ object. The rotary knob thus increases or decreases the base nominal temperature and thus the desired room temperature. The admissible shift range is set in the temperature control (Automation 1).

The Corlo „Page 1 area 1“ object is linked to the „Automatic indoor temperature reading“ object. The field therefore shows the current room temperature.

Rotary control/Corlo area object numbers: 101, 148, 601

Actuator object numbers: 1

Corlo automatic temperature control mode object numbers: 633

In addition, a typical **automatic temperature control** for a single level heating system has been configured in the Corlo Touch ETS menu area „Automation“ (Automation 1). Channel 1 of the actuator has been set to „Control mode: via object (8-bit PWM)“ to execute commands received from the Corlo Touch KNX.