



wieplan

## Manual Getting started

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Wieland wieplan 1.5 - Build 45 user manual for Windows.

User manual: JMS-Multimedia.de, Regensburg

Programming: JMS-Multimedia.de, Pcb Cad

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## **Contents**

Introduction	6	Registration, Installing wieplan, Uninstall wieplan
	7	Help system, Programme start-up
Configuration	8	wieplan configuration
wieplan screen	9	Explanation of the screen
	10	Explanation of the screen
Create a project	11	Project data, "Save" dialogue
Select mounting rail	12	Project management, select mounting rail
	13	- Work perforation
Select terminals	14	Select end clamp
	14	Select terminals
	15	- Search functions
	16	- Add terminals
	17	- Remove terminals
	17	- Later insertions of terminals
	17	- Insert space
Marking	18	Marking
	18	- Mark in ascending order
Position jumpers	19	Position jumpers
	20	Position jumpers
Position covers	21	Position covers
Accessories	22	Accessories
Order data	22/23	Order data
Output	24	Output
	25	Drawing frame
Further functions	26	Create co-user
	27	Place busbar
	28	Place busbar
	29	Labelling - protective earth conductor character
	29/30	Project management
	31	Favourites
	32	Copying of terminal blocks

# wieplan

The screenshot displays the 'wieplan v1.0' software interface with several overlapping windows:

- Main Window:** Shows a selection screen for 'wählen Sie das gewünschte Profil:' with two options: 'TS 35' and 'TS 32'.
- wieplan Lochung bearbeiten:** A dialog box for editing hole configurations. It includes a 'Bitte Abstand eingeben' field with the value '160', radio buttons for 'Rundloch', 'Langloch', and 'Schlitzung', and a 'Schlitzung' dropdown set to '4.0'. Buttons for 'Loch hinzufügen', 'Löschen', and 'Schließen' are visible.
- Klemme wählen:** A window for selecting a terminal block. It features a search bar, a list of brands ('taris', 'selos', 'fasis', 'selos BIT', 'fasis BIT'), and a table of terminal block models. The selected model is 'DURCHGANGSKLEMME 57.506.0055.0'. Technical specifications include: 'feindrähtig eindrähtig mehrdrähtig', 'EN 0.5 - 6mm² 2.5 - 10mm²', 'UL No.22-8 AWG', 'CSA No.20-8 AWG', '800V/ 8kV 3 41A', and 'Baubreite 8mm Absollänge 11mm'. A diagram shows the terminal block dimensions: 48mm width, 58mm height, and 11mm length.
- Configuration Process:** A vertical sidebar on the right titled 'Konfigurationsablauf' (Configuration Process) with steps: 'Tragschiene wählen', 'Endklammer wählen', 'Klemmen wählen', 'Beschriftung', 'Brücken setzen', 'Abdeckung setzen', and 'Zubehör'. The 'Klemmen wählen' step is currently active.
- Warenkorb:** A shopping cart icon at the bottom right indicates '30 Artikel im Warenkorb'.

### Introduction

Welcome to wieplan, your new software for the configuration of Wieland terminal rails. wieplan enables you to plan a complete terminal rail in a very simple way and to then place an order with Wieland. The configured terminal rail can be stored in DXF format and read into a CAD tool for further processing. Due to the intuitive user interface, the configuration of terminal rails with wieplan is easy.



## **Introduction**

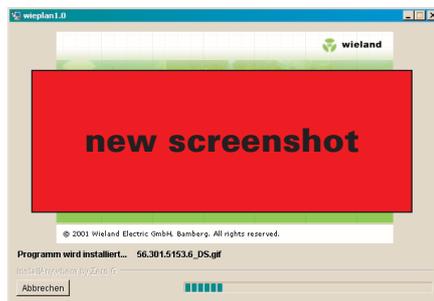
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### **Registration**

Please take the time to fill in the enclosed registration form and send it to Wieland. We will then inform you about updates and new functions of wieplan and other Wieland software.

### **Installing wieplan**

1. Insert the wieplan CD into the CD ROM drive.
2. If you activate the auto-start function, a short intro starts where you can choose your favourite language for wieplan.
3. If you deactivated the auto-start function, please open the folder "data" on the CD ROM and double click the file "wieplan\_install".
4. Follow the installation instructions on the screen.



**wieplan installation dialogue**

### **Uninstalling wieplan**

Once wieplan has been installed, the folder "wieplan 1.5" is located in the "Programmes" folder in the Windows "Start" menu. This folder contains both the programme and the uninstall software.

If you wish to uninstall wieplan, locate the wieplan folder and start the "wieplan 1.5 deinstall". Please follow the notes on the screen during the removal of the software.

**wieplan 1.5**  
User manual

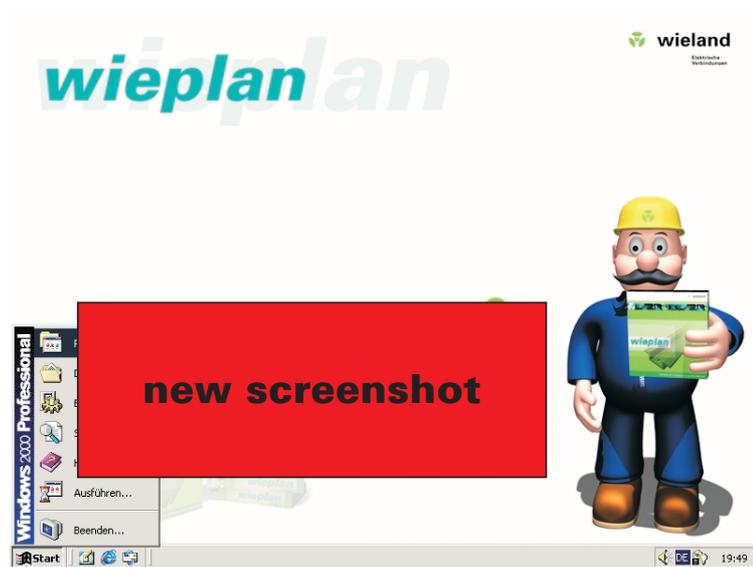
**Help system**

During the installation of wieplan, the manual is also copied to your computer in PDF format. You can view PDF files using the Adobe Acrobat Reader software which you can find on the wieplan CD. In addition to the printed manual, the electronic manual gives you a brief overview of all the wieplan functions. The electronic manual can be retrieved in the programme via the menu item “Help – Manual” or directly from the wieplan programme folder.

Further information about the software can be found under the internet address <http://www.wieland-electric.com/wieplan/>.

**Programme start-up**

Start wieplan by double clicking on the programme icon on your desktop or via the “Start” menu.



Start wieplan by double clicking on the programme icon on your desktop or via the “Start” menu.

## Configuration

### wieplan configuration

The first time the programme is started, you are requested to enter your master data. This data is required for order processing. Click on the button "Save data" to store your master data permanently. You can modify the data at any time via the menu item "User settings – Change data".

Base Data

Enter wieplan master data

wieland

Customer number  
123.456.789.0

Company  
JMS-Multimedia.de

Name  
Thomas

Name  
Bauer

Street  
Liebhartstraße 36b

Zip, City  
93053 Regensburg

Phone  
0941/784 96 95

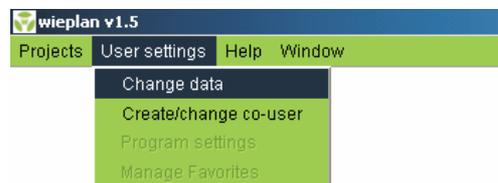
Telefax  
0941/784 97 25

e-mail  
info@jmsmultimedia.de

Internet  
http://www.jmsmultimedia.de

Save data

"Base data" dialogue



"User settings" menu

## The wieplan screen

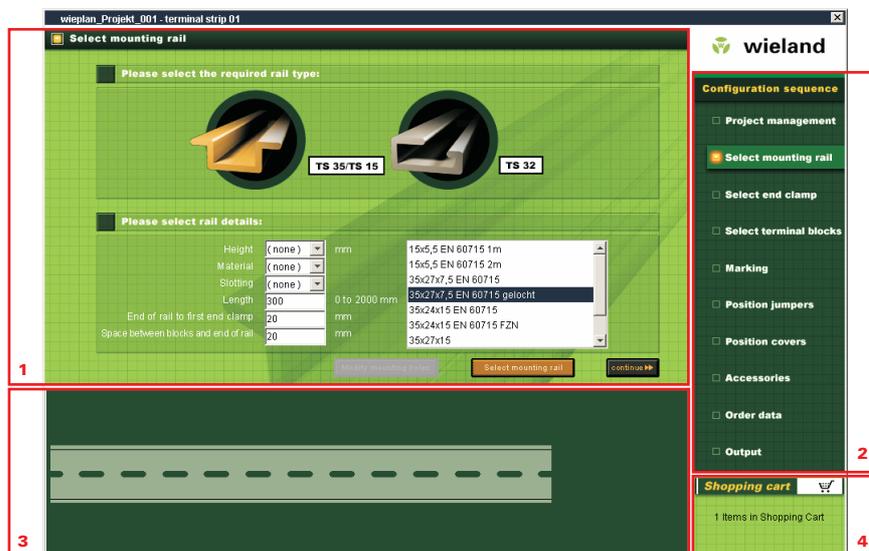
### wieplan - your new tool!

wieplan was developed to provide a powerful tool for the configuration of Wieland terminal rails which is both intuitive and simple to operate. wieplan guides you through the complete configuration process step by step. You are then able to order your configured terminal rails from Wieland in a premounted state. You thus save valuable time and money.

### The wieplan screen – your new workstation

The wieplan screen is divided into four different areas:

1. Configuration window
2. Configuration sequence
3. Display of mounting rail
4. Shopping cart



The various sections of wieplan

## The wieplan screen

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### 1. The configuration window

You design your terminal rail in the configuration window with the items required. For example, you select the mounting rail, place the terminal blocks on the mounting rail, mark them and order the terminal rail.

### 2. The configuration sequence

Using the configuration sequence, you can navigate through the individual steps. The configuration sequence keeps you informed about the progress of your design.

### 3. Display of the mounting rail

WYSIWYG – What you see is what you get. You can immediately see the progress of your configuration in the display.

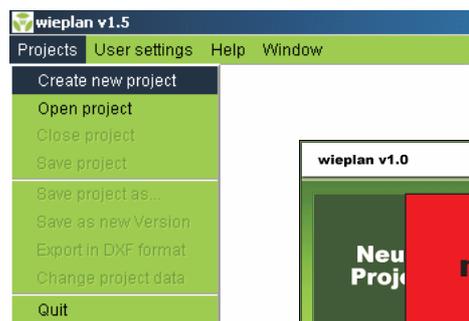
### 4. Shopping cart

The shopping cart shows you the number of selected items during the complete configuration. By clicking on the shopping cart, a dialogue is displayed containing a detailed list of all the items in the cart.

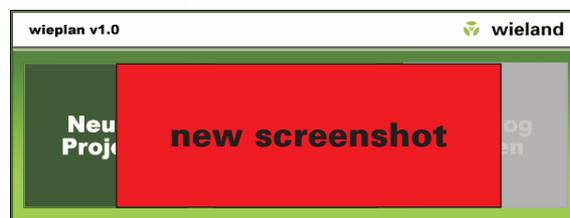
## Create a new project

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A new project is created via the menu command “Projects – Create new project” or via the “Start” dialogue when the application is started up.



“Projects” menu



wieplan “Start” dialogue

## Create a new project

You are first requested to enter the project data. Please fill in the fields and press the button "Create project". Then select a target folder for your new project and press the "Save" button. The "Projects" folder in the wieplan programme folder is selected by default. You can use any folder to store the projects.

Record project data

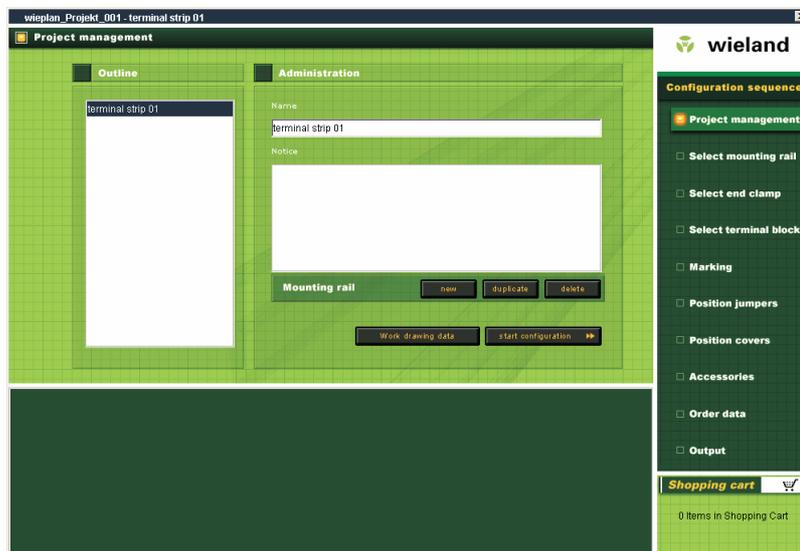


"Save" dialogue

## Project management

### Project management

Once your project has been stored, the wieplan main window is opened. The first configuration step is "Project management". This window enables you to store and manage different configurations of mounting rails in one project. More informations about the project management you will find on page 29.



wieplan project management

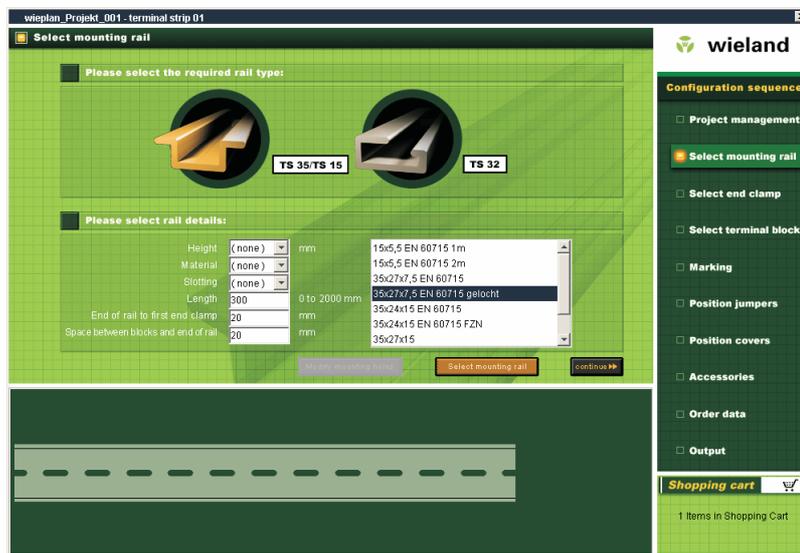
### Select mounting rail

Choose your configuration in the project management and change via the course of the configuration to the screen "Select mounting rail". Here you determine the type and characteristics of the mounting rail. You can specify the following characteristics:

- Type
- Height
- Material
- Slotting yes/no
- Length
- End of rail to first end clamp
- Space between blocks and end of rail

## Select mounting rail

The list of possible mounting rails reduces depending on the specified characteristics. Select the required mounting rail, put in the length for your mounting rail and click on the button "Select mounting rail" to transfer the mounting rail into the display window.



Select mounting rail

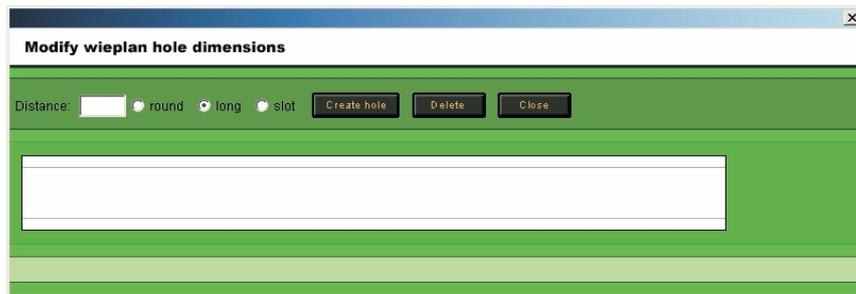
### "Work perforation" option

If you select the value "no" for the product characteristic "Slotting", the "Work perforation" button appears. This function enables you to define your own perforation for the selected mounting rail.

Click on the button "Work perforation". You can automatically add round holes, long holes or slots. Enter the required slot interval from the zero point of the rail (measured from the left) in the "Distance" field, specify the type of the hole (long or round) as well as the diameter (for round holes).

Click on the button "Create hole" to display the hole on the rail. Delete the holes via the "Delete" button. Return to the display of the mounting rail with the "Close" button. Your defined holes are automatically adopted.

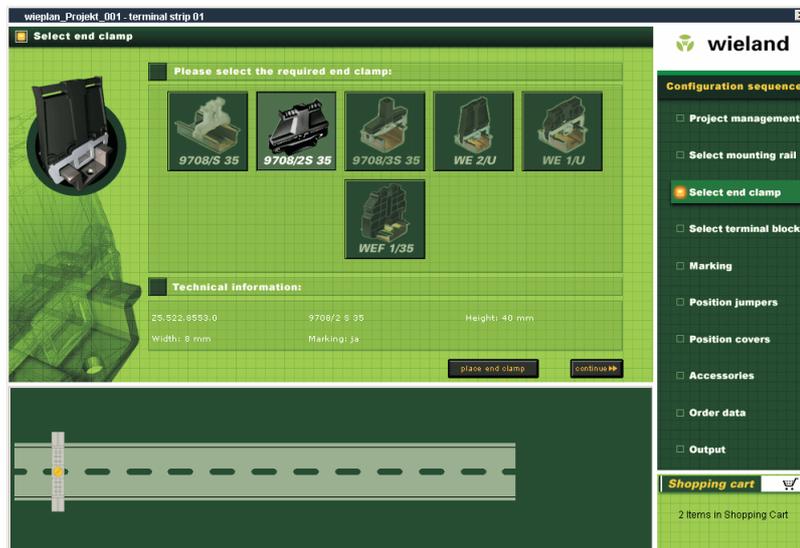
## Select end clamp



work perforation

### Select end clamp

You select the required end clamp on the "Select end clamp" screen. Only the appropriate end clamps for the selected mounting rail appear. Click on the required end clamp to display its technical data. The end clamp is transferred to the mounting rail via the button "Place end clamp". Pressing the "Continue" button takes you to the configuration step "Select terminals".



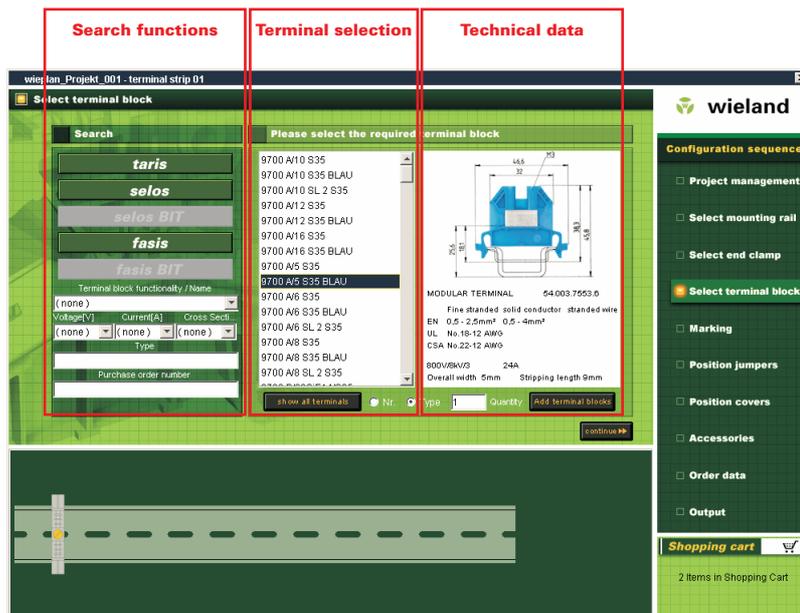
Select end clamp

## Select terminals

### Select terminals

Before you reach the dialogue for selecting the terminal blocks, wieplan displays a "Start" screen the first time the function is retrieved, where you can specify a terminal family.

Once you have made your selection, the "Select terminals" screen is opened. The window is divided into three areas. A list with all the possible terminals for your mounting rail appears in the centre of the screen. You can limit the list using the various search and filter options on the left-hand side so that you can directly retrieve your required terminals.



Select terminals

### Select terminals – Search functions

wieplan offers you numerous possibilities for refining your search for the appropriate terminal.

#### a) Searching according to the terminal family

Clicking on the "taris" button for example only displays a list of taris terminals.

## Select terminals

### b) Terminal functionality

You can limit your list according to the terminal functionality. If you select the term "Feed-through terminal", all the feed-through terminals are displayed.

### c) Voltage/Current/Cross section

You can further refine your selection via the fields "Voltage", "Current" and "Cross section".

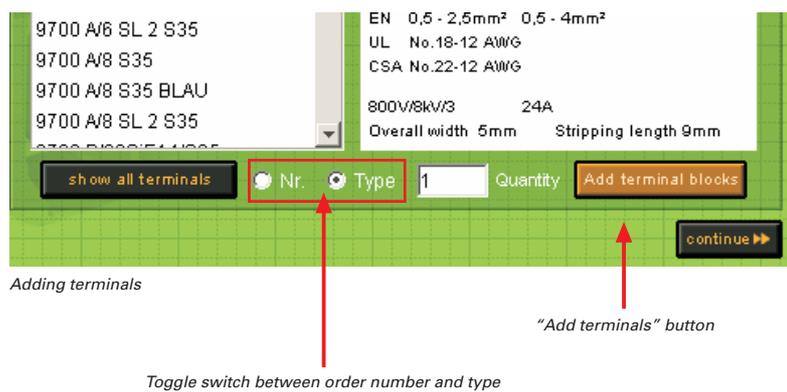
### d) Type and purchase order number

If you can remember the type or order number, you can search for those terms via the fields "Type" and "Purchase order number".

Once you have restricted the list of available terminals, click on the required type designation to display a representation of the terminal together with the technical data. If required, you can display the order number instead of the type. To do so, select the option "Nr." (see diagram). The restrictions are removed by selecting the button "Show all" and all the suitable terminals for the selected mounting rail are displayed.

### Adding terminals to the mounting rail

If you have selected an appropriate terminal, you can add it to the mounting rail by clicking on the button "Add terminals". If you wish to add several terminals at the same time, enter the required number of terminals in the "Quantity" field and click on "Add terminals".



## Select terminals

### Remove terminals

If you have added an incorrect terminal to the mounting rail, select the incorrect terminal with the left mouse button and delete it again with the "Delete" key (on your keyboard) or via the context menu which is retrieved with the right mouse button.

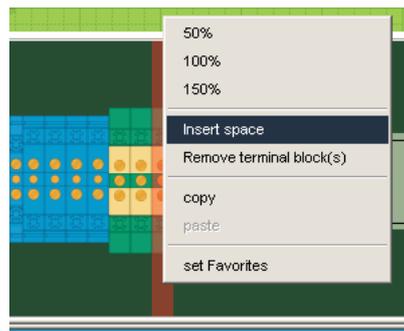
If you wish to delete several terminals at the same time, click on the first terminal and select the last terminal to be removed, while holding down the "Shift" key. The selected terminal can be removed via the "Delete" button or the context menu.

### Later insertion of terminals

If you wish to insert terminals into an existing configuration at a later date, click on the required terminal and insert the required number via the button "Add terminals". The terminals are inserted to the right of the selected terminal.

### Insert space

Spaces are inserted via the context menu. Click with the right mouse button in the display of the mounting rail to open the wieplan context menu. Here you can insert a space after the selected terminal via this context menu. Please enter the required width of the space in millimetres and press the "Insert space" button.



Context menu "Insert space"



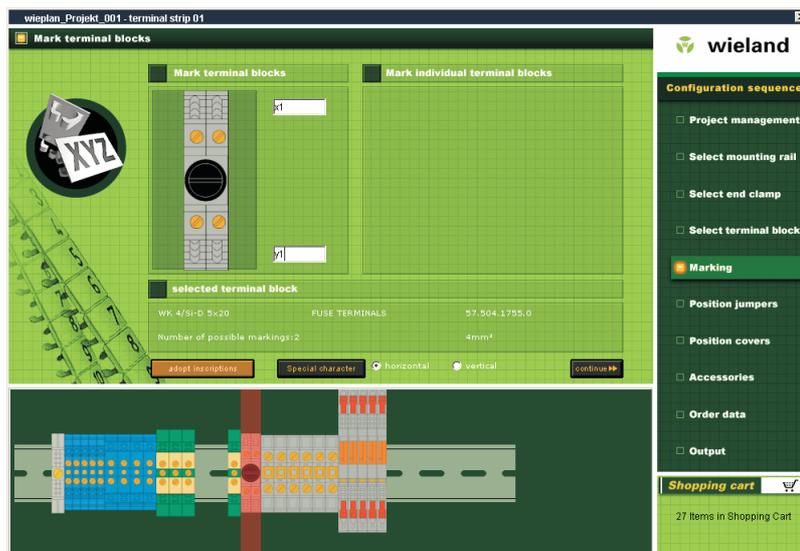
"Insert space" dialogue

# Marking

## Marking

wieplan offers you the option of labelling your terminals. If you click on the required terminal, the terminal is displayed together with the technical data and the number of possible labelling fields. Enter your inscription in the labelling fields and then press the button "Adopt inscription". Your text is now displayed on the selected terminals.

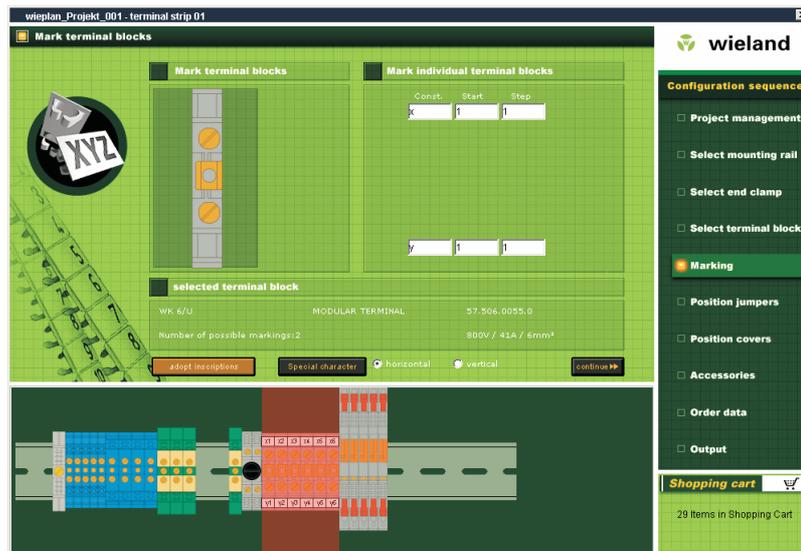
If you wish to delete the inscription again, click on the terminals, delete the marking values and adopt the new inscription with the button. If you enter a space in a labelling field, an empty marker plate is added in the display of the mounting rail.



Mark terminals

## Mark terminals in ascending order

If you wish to mark several terminals in ascending order, first select the required terminals while holding down the "Shift" key. You are then able to enter a constant value (e.g. a letter), a starting value and a step value. Click on the button "Adopt inscription" to mark the selected terminals in ascending order.



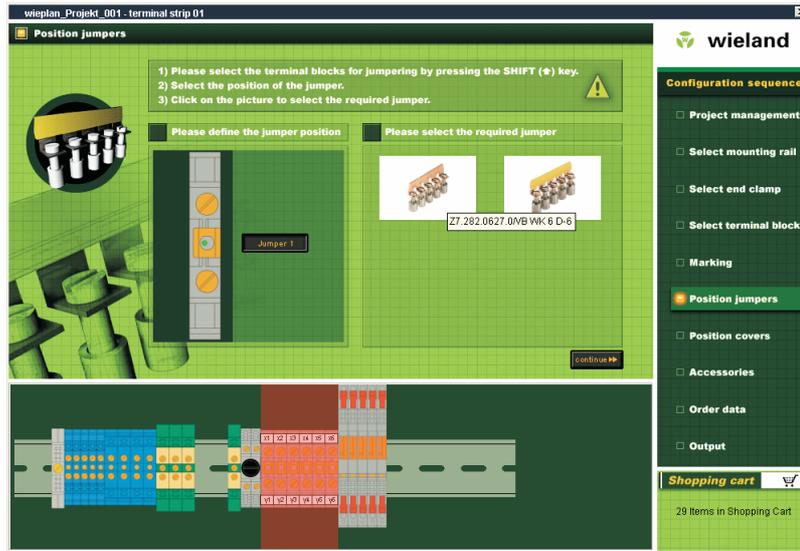
Mark terminals in ascending order

## Position jumpers

The next configuration step involves positioning jumpers on your terminals.

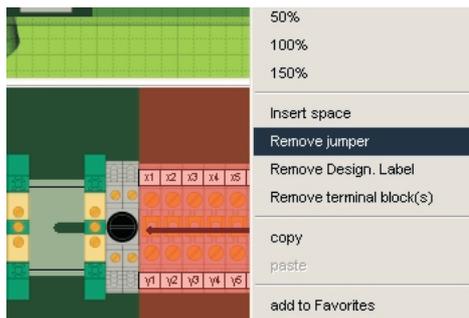
First select the required terminals while holding down the "Shift" key (note: you can only bridge terminals of the same type and size). If you have selected the terminals, a magnified display of the terminal appears. Green dots on the terminal indicate the possible jumper positions. If a jumper has already been placed above a bridging point, this is indicated by a red dot. Now determine the position of the jumper by clicking on the corresponding button. wieplan then indicates the possible jumper types for the selected terminal and position on the right-hand side of the screen.

## Position jumpers



Position jumpers

The jumper is positioned on the terminals by clicking on the required diagram. To remove a jumper at a later date, select the function "Remove jumper" from the context menu which is accessed via the right mouse button. Select the required jumper in the subsequent dialogue and remove it by pressing the button "Remove jumper".



"Remove jumper" context menu

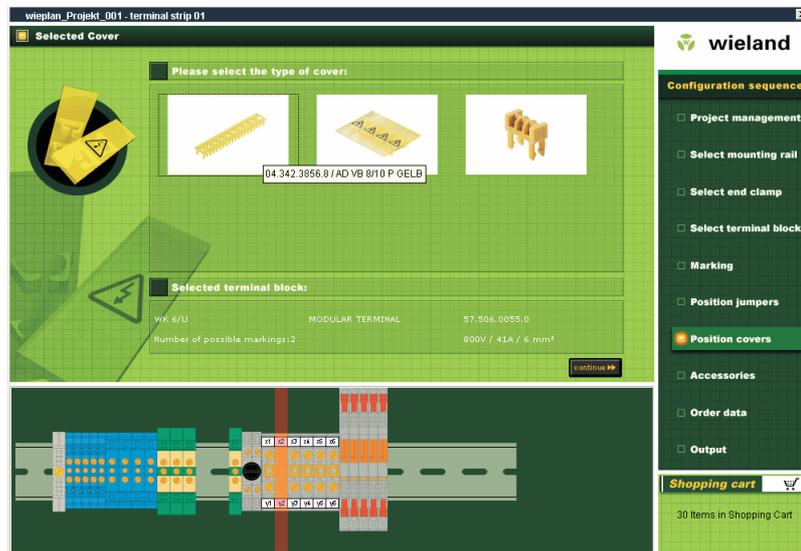


"Remove jumper" dialogue

## Position covers

### Covers

To position a cover on the terminal, first click on the required terminal. wieplan indicates the possible covers for the selected terminal. Click on a cover to position it on the terminal.



Position covers

If you wish to remove the cover, select the terminal followed by the function "Remove cover" from the context menu using the right mouse button.



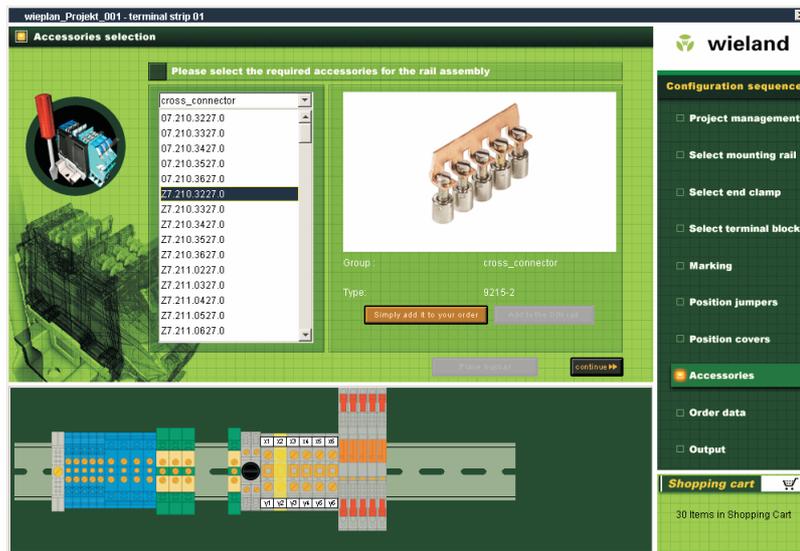
Context menu "Remove cover"

## Accessories

### Accessories

To add accessories to the order or the configuration, change to the configuration step "Accessories". In this screen, you can add accessories to the rail and/or the order. Click on the required accessory in the list and press the button "Simply add it to your order" or "Add to the rail" to put the accessory in your shopping cart.

You can also place a busbar in this screen (read also page 27).



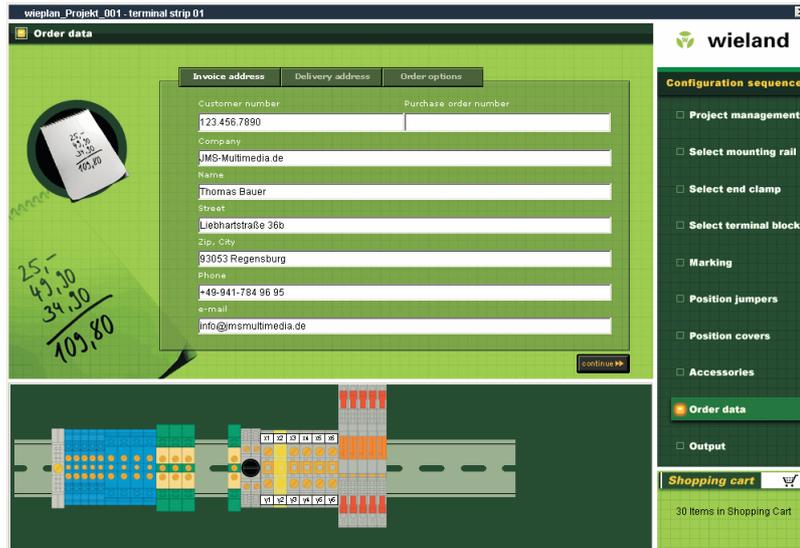
Accessories

## Order data

### Order data

In the "Order data" screen, you enter your personal details such as the invoice address or delivery address and add comments to your order such as special requirements or a specific delivery date. When you have entered the order data, you access the last step via the "Continue" button: the output.

## Order data



Order data - invoice address

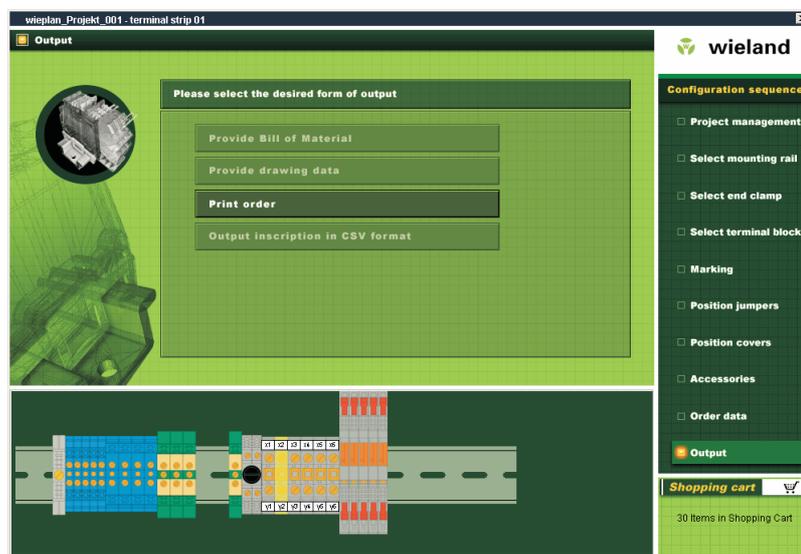


Order data - delivery address and order options

# Output

## Output

In the last configuration step, you have the option to output your project in various formats:



### Output

#### - Output piece list

With this function, you print out a component list for retention in the control cabinet.

#### - Output drawing data

With this option, you open the drawing frame with a plan view of your configuration. You can export the terminal rail in DXF format via this menu or print out the drawing frame.

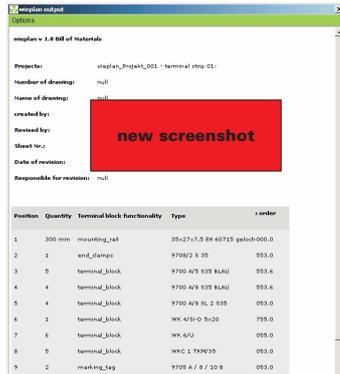
#### - Print order

Please click on the "Print order" button to print out your order.

#### - Output inscription in CSV format

You can output the labelling data in CSV format for further processing of the data in a plotter which can import programmes such as Excel.

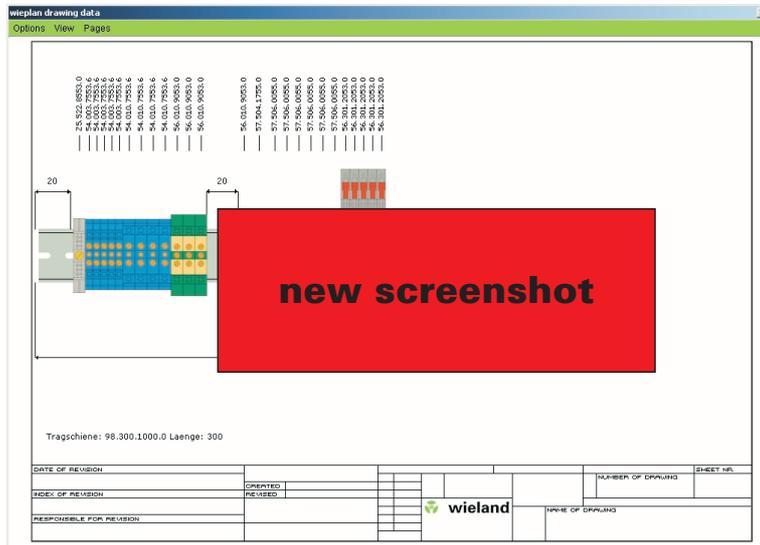
# Output



Output piece list



Output - Print order



Drawing frame

## Further functions

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### Create co-user

Under the menu item "User settings – Create/change co-user", you can create a new co-user for the software. You can thus quickly select the data of the user in the "Projects" dialogue.

If you select an existing user from the list, you can edit the data of the user. If you wish to create a new user, select the item "Add new co-user". Enter the data of the user in the text fields and press the "Save" button to create the user.

The screenshot shows a dialog box titled "Create/change co-user" with a subtitle "wieplan create co-user". The dialog contains a dropdown menu with the text "Please choose co-user / add new". Below the dropdown are several text input fields with the following labels and values:

- Name: Bauer
- Name: Thomas
- Position: (empty)
- Department: Entwicklung
- Phone: 0941/784 96 95
- Telefax: 0941/784 97 25
- e-mail: (empty)
- Notice: (empty)

At the bottom of the dialog are three buttons: "Save", "Delete", and "Cancel".

"Create co-user" dialogue

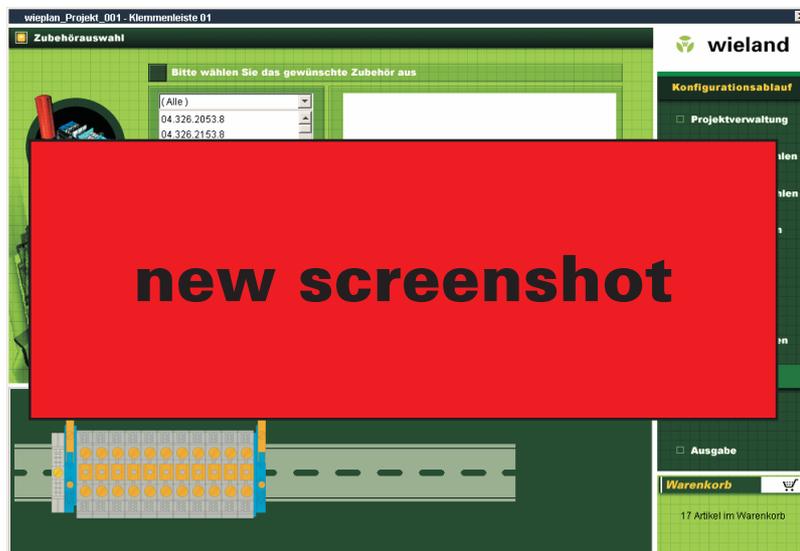
## **Further Functions**

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### **Place busbar**

If you wish to place a busbar with wieplan, first place the required neutral disconnect terminal on your mounting rail in the configuration step "Select terminals".

Then switch to the "Accessories" window and click on the "place busbar" button.

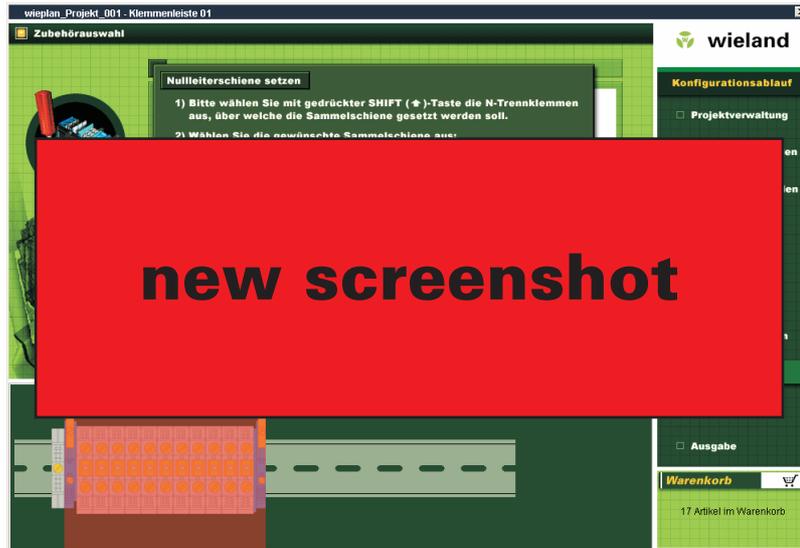


*Place busbar*

Select the area you want to bridge in the mounting rail display while holding down the "Shift" key. After you choose the required busbar and the type of terminal. If you selected all options, wieplan will place the busbar after clicking the "place busbar" button.

You delete the busbar by removing one of the neutral disconnect terminals.

## Further functions



Place busbar

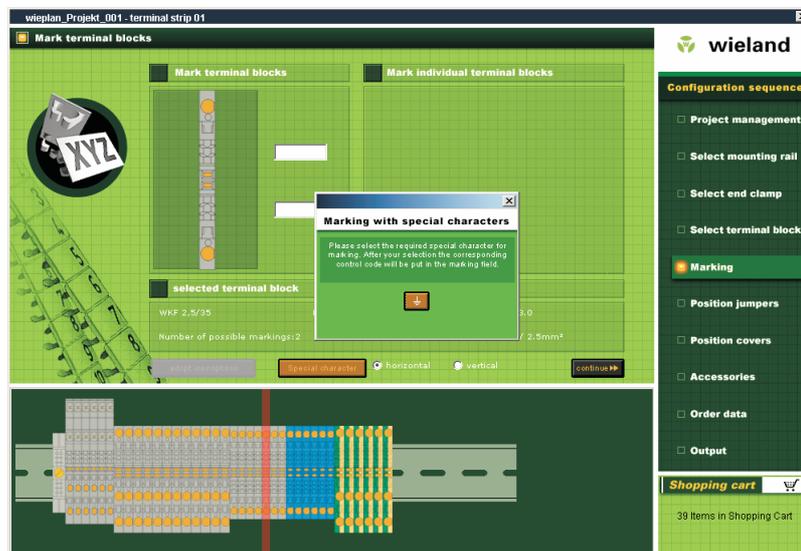


Place busbar

## Further functions

### Marking - protective earth label

Wieplan enables you also to mark terminals with a protective earth label.  
Put “%PE” in the required labelling field and then push the “Adopt inscription” button.



Marking - special characters

### Project management

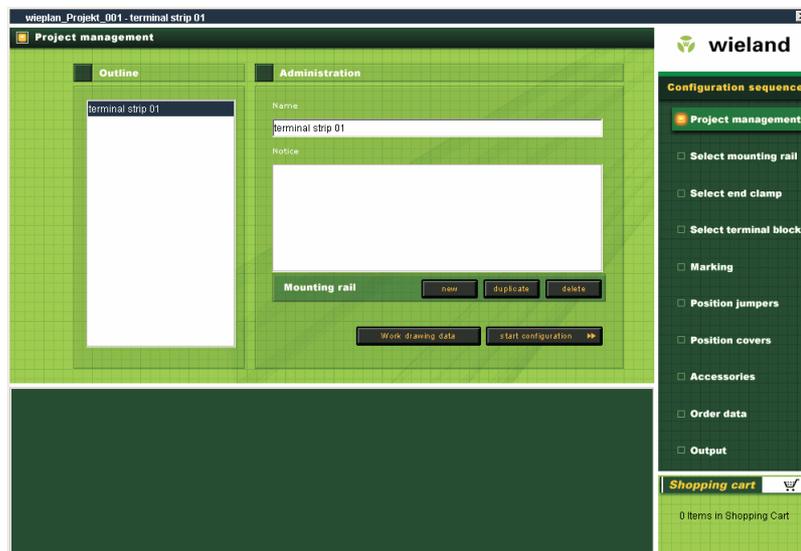
If you wish to save several terminal rails as one project name, so change via the course of the configuration to the menu item “Project management”.

This screen enables you to create new mounting rails, to change between different configurations and to delete mounting rails. You can save comments for every configuration in order to relate easily every single configuration to your projects.

## Further functions

### Project management

If you want to create a new configuration in an existing project, so put in a name for your new mounting rail in the field " Name" and push the "add mounting rail" button. Your new mounting rail will appear in the selection list. You can change between the different mounting rails in this selection list. If you want to delete a mounting rail, choose the required one and push the " Delete mounting rail" button.



wieplan project management

## ***Further functions***

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### **Favorites function**

Wieplan enables you to create favorites of your terminals, to save and manage. So you can place very fast frequently used configurations on your mounting rail.

### **How to create a favorite**

Mark your required configuration while holding down the "Shift" key and select the function "Add favorite" via the context menu (right mouse button). You can put a name in the following dialogue for easy relating your configuration. Alternatively create the favorite via "Favorites" menu item "Add favorites".

### **Add favorites to a configuration**

If you want to add an existing favorite to your configuration, click on the required terminal on your mounting rail where the favorite should be added to and select your required configuration via the menu " favorites".

### **Manage favorites**

The menu item "Presetting-manage favorites" enables you to delete and rename your favorites.

## ***Further functions***

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### **Copy terminal blocks**

Mark your required terminals while holding down the “Shift” key and select the function “Copy terminal block” via the context menu (right mouse button). Then choose the position where you want to place the terminal block and select the function “Insert terminal block” via the context menu.