Preface

Bernd Gischel

EPLAN Electric P8 Reference Handbook

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877.751.5052

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Dear Users,

EPLAN Electric P8 is CAE software that is constantly being further developed. It offers innumerable project editing options and provides new innovations with each new version.

The current version 2.2 is the result of continual development of previous versions. This version once again incorporates a wide range of user requirements and requests that have arisen during the practical use of EPLAN.

This third edition of this book has been revised and expanded based on Version 2.2 to demonstrate the wide range of functions in EPLAN Electric P8. The book is meant to make it easier to start using the software and to smoothly guide you around initial hiccups when working with EPLAN Electric P8. Numerous practical examples show you what is possible with Version 2.2.

Of course, like its predecessors, this edition cannot and will not describe all of the software’s functions or provide examples for every conceivable function. EPLAN Electric P8 becomes increasingly comprehensive with every new version, and it offers a variety of functions that cannot be completely covered in a single book. A book that describes all the functions would have thousands of pages and be impractical for the reader.

In Version 2.2, there are also many ways to reach the same goal. I will present and discuss some solutions. Others you will discover yourself and ask yourself why no one has ever tried it this or that way before.

This book will recommend solution approaches and demonstrate solutions that will help simplify your everyday work. It will help you make necessary decisions.

The book is addressed to everyone who uses EPLAN Electric P8 for electrical engineering designs – both daily and sporadic EPLAN Electric P8 users as well as engineers, electrical engineers, pupils and students.

I would like to express my thanks to Julia Stepp and her team at the Carl Hanser Verlag for the opportunity to write and publish this book. I would also like to sincerely thank my family, especially my wife Susanne. They have always been, and continue to be, very patient with me.
I would also like to thank all of the readers who have made this book a success. All feedback, whether criticism or praise, has always been a strong motivator for me to revise this book.

And finally, I would again like to thank EPLAN Software & Service GmbH & Co. KG for their consistent and very friendly support and collaboration in compiling some of the information for this edition of the EPLAN Electric P8 Reference Handbook.

**Important notes**

All of the examples and explanations assume local installation and local operation of EPLAN. Furthermore, the book assumes that the user has all of the user rights in EPLAN and is logged in as the local administrator.

It is possible that, depending on the user's license and module package, certain functionality or a certain function described in the book will not be available or executable in the way in which it is explained and illustrated. Therefore, you should always check to see which licensed add-ons you have (via HELP/ABOUT/LICENSED ADD-ONS TAB).

For this book, EPLAN Electric P8 Professional Edition 2.2.5 Build 6338 was used with the licensed add-ons shown in the figure.

**NOTE FOR USERS OF PREVIOUS VERSIONS:** Certain parts of the functions described here may exist in EPLAN Electric P8 Versions 1.7.x, 1.8.x, 1.9.x, 2.0.x and 2.1.x, but their use, settings and range of functionality may differ from Version 2.2.

The examples used in the book are available as an EPLAN Electric P8 project at [www.eplan-efficient-engineering.com/handbook](http://www.eplan-efficient-engineering.com/handbook). The example project can also be downloaded in the EPLAN Electric P8 Education Version format.
Some of the settings used in this book, such as those for filters or schemes, differ from the standard EPLAN installation. All of this additional data is available in the sample data. In addition, some custom, non-standard shortcut keys were also used.

The following text boxes are used to visually highlight notes, tips, etc.

![NOTE](image)
**NOTE:** This box contains important notes that should be observed when using EPLAN Electric P8.

![TIP](image)
**TIP:** This box contains helpful tips for everyday working with EPLAN Electric P8.

![TO DO](image)
**TO DO:** This box gives you practical exercises to let you try out what you have learned.

![This box provides additional information and tips.](image)

Whenever this symbol appears in the book’s margin, you will find questions and answers to problems that occurred during actual use of EPLAN Electric P8.