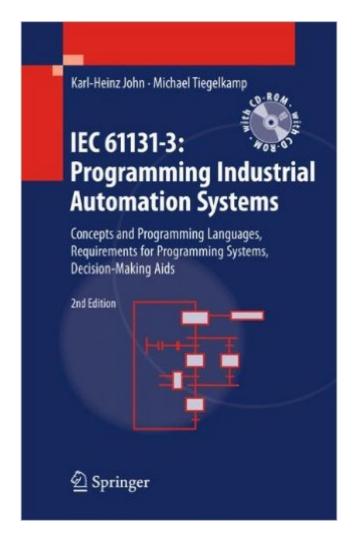
## The book was found

# IEC 61131-3: Programming Industrial Automation Systems: Concepts And Programming Languages, Requirements For Programming Systems, Decision-Making Aids





### Synopsis

The rapid advances in performance and miniaturisation in microtechnology are constantly opening up new markets for the programmable logic controller (PLC). Specially designed controller hardware or PC-based controllers, extended by hardware and software with real-time capability, now control highly complex automation processes. This has been extended by the new subject of â œsafe-related controllersâ •, aimed at preventing injury by machines during the production process. The different types of PLC cover a wide task spectrum - ranging from small network node computers and distributed compact units right up to modular, fau- tolerant, high-performance PLCs. They differ in performance characteristics such as processing speed, networking ability or the selection of I/O modules they support. Throughout this book, the term PLC is used to refer to the technology as a whole, both hardware and software, and not merely to the hardware architecture. The IEC61131 programming languages can be used for programming classical PLCs, embedded controllers, industrial PCs and even standard PCs, if suitable hardware (e.g. fieldbus board) for connecting sensors and actors is available.

#### **Book Information**

Hardcover: 390 pages Publisher: Springer; 2nd ed. 2010 edition (September 10, 2010) Language: English ISBN-10: 3642120148 ISBN-13: 978-3642120145 Product Dimensions: 6.4 x 1.1 x 9.4 inches Shipping Weight: 1.6 pounds (View shipping rates and policies) Average Customer Review: 4.0 out of 5 stars Â See all reviews (4 customer reviews) Best Sellers Rank: #1,299,271 in Books (See Top 100 in Books) #101 in Books > Computers & Technology > Computer Science > Al & Machine Learning > Expert Systems #267 in Books > Medical Books > Medicine > Internal Medicine > Pathology > Diseases > AIDS & HIV #594 in Books > Computers & Technology > Computer Science > Systems Analysis & Design

#### **Customer Reviews**

Ya, it cost a lot, and it's worth it too !!! This is THE book if your programming the Schweitzer RTAC or similar device. Though, I should note the author assumes you have already been programming PLCs or using Pascal or C or something, it's not a "IEC 61131 for Dumbos book", but you don't need to be a real "programmer" to understand it at all. It's a big book, so don't expect to finish it in a

weekend, but it is a must-have for anyone doing IEC logic.

An excellent reference to 61131. Since moving to PLCs from pure embedded, I had a lot of questions that weren't being answered after hours of trolling. Within hours of reading, the fog has lifted and life has meaning again. Would have liked to have seen a dedicated section on high level language example comparisons, maybe next edition.

It is the only book on the market that covers the latest rules of IEC 61131. It covers everything in non systematic approach method and it is an expensive book too.

very boring context, and very difficult to be used as a reference book

#### Download to continue reading...

IEC 61131-3: Programming Industrial Automation Systems: Concepts and Programming Languages, Requirements for Programming Systems, Decision-Making Aids REI Automation Blueprint The A-Z Blueprint To Automate Your Real Estate Business: REI Automation Blueprint The A-Z Blueprint To Automate Your Real ... Brittney Calloway of Top Notch Consulting AIDS: Science And Society (AIDS (Jones and Bartlett)) Veterinary Medical School Admission Requirements (VMSAR): 2015 Edition for 2016 Matriculation (Veterinary Medical School Admission Requirements in the United States and Canada) Veterinary Medical School Admission Requirements (VMSAR): 2016 Edition for 2017 Matriculation (Veterinary Medical School Admission Requirements in the United States and Canada) MCPD Self-Paced Training Kit (Exams 70-536, 70-528, 70-547): Microsoft® .NET Framework Web Developer Core Requirements: Microsoft .Net Framework Web ... Requirements (Microsoft Press Training Kit) Nutrient Requirements of Dogs (Nutrient Requirements of Domestic Animals) The Industrial Design Reference & Specification Book: Everything Industrial Designers Need to Know Every Day What's Your Decision?: How to Make Choices with Confidence and Clarity: An Ignatian Approach to Decision Making Decision Traps: The Ten Barriers to Decision-Making and How to Overcome Them Ada 95 Reference Manual. Language and Standard Libraries: International Standard ISO/IEC 8652:1995 (E) (Lecture Notes in Computer Science) ISO/IEC 31010:2009, Risk management - Risk assessment techniques The Languages of Tolkien's Middle-Earth: A Complete Guide to All Fourteen of the Languages Tolkien Invented Practical Decision Making in Health Care Ethics: Cases, Concepts, and the Virtue of Prudence Automation, Production Systems, and Computer-Integrated Manufacturing (4th Edition) Automation Programmers Reference (Microsoft Programming Series) ISO 14001:2004, Environmental

management systems - Requirements with guidance for use Real-Time Systems and Programming Languages: Ada, Real-Time Java and C/Real-Time POSIX (4th Edition) (International Computer Science Series) Operations Management: Contemporary Concepts and Cases (Mcgraw-Hill/Irwin Series Operations and Decision Sciences) Masterminds of Programming: Conversations with the Creators of Major Programming Languages (Theory in Practice (O'Reilly))

<u>Dmca</u>