

Online-Training - SIMOCRANE BASIC Technology V5.0 (CR-SICR-BT5)

Kurzbeschreibung

Engineering and Commissioning Training for SIMOCRANE Basic Technology V5.0.

Ziele

This course is guiding attendants to work with the TIA-Portal global libraries, standard application software and BT-Configurator of the SIMOCRANE Basic Technology V5.0. The software structure, function and standard application as well as BT-Configurator will be introduced in detail. The handling of commissioning for standard applications (e.g., STS Crane) is the focus of this course.

Zielgruppe

- Crane software engineers
- Commissioning engineers
- Application engineers

Inhalte

- Day 1: Getting Started
 - Overview of Hardware and Engineering systems
 - Introduction of PLC and drive configuration
 - Introduction of SIMOCRANE Basic Technology V5.0
 - Introduction of PLC Software (data type, LC Tags, program blocks, libraries and functions)
 - Exercises
- Day 2: SW structure, function and application
 - Introduction of Drive software (DCC-plan, Setpoint-channel...)
 - Standard application example
 - BT-Configurator (Script in STARTER)
 - Exercises
- Day 3: Commissioning and Diagnostic
 - Deepening in PLC software (Control-/Status-word, enable drive...)
 - Deepening in all DCC-Blocks
 - Coupling of Master and Slave axis (Torque, Synchron and Grab)
 - Diagnostics (Interface, signal flow and Trace)
 - Exercises

Teilnahmevoraussetzung

The following prerequisites are required

- Basic knowledge of TIA-Portal (S7 Professional, Startdrive, DCC)
- Good knowledge of Sinamics S120,
- Basic knowledge of Crane technology

Hinweise

none

Typ

Online-Training

Dauer

3 Tage

Sprache

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