Guideline SIMOTION D4x5-2

SIMOTION

Frequently asked Questions

**Guideline SIMOTION D4x5-2
Training Case with SIMOTION V4.4**

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Guideline SIMOTION D4x5-2 Training Case with SIMOTION V4.4

We reserve the right to make technical changes to this product.

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Qualified personnel

In the sense of this documentation qualified personnel are those who are knowledgeable and qualified to mount/install, commission, operate and service/maintain the products which are to be used. He or she must have the appropriate qualifications to carry-out these activities

e.g.:

- Trained and authorized to energize and de-energize, ground and tag circuits and equipment according to applicable safety standards.

- Trained or instructed according to the latest safety standards in the care and use of the appropriate safety equipment.

- Trained in rendering first aid.

There is no explicit warning information in this documentation. However, reference is made to warning information and instructions in the Operating Instructions for the particular product.

Reference regarding export codes

AL: N

ECCN: N

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1 Question

How do I take a SIMOTION D4x5-2 training case into operation?

What can I demonstrate with a training case?

How can I get an overview about the SIMOTION functionality with the training case within an hour?

Is there an example project available for the training case?

2 Solution

With the guideline you can get an overview about the SIMOTION functionality in a simple way.

To do this, please follow the described steps in the guideline.

In addition you can use the available example project (e.g. if you do not want to carry out all steps described in the guideline).

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3 Content of the guideline

- **Introduction**
  - Preparation

- **SINAMICS configuration**
  - Create a new project
  - Establish connection to SINAMICS_Integrated
  - Automatic configuration
  - Set training case specific DC link voltage
  - Interconnection of digital I/O – Infeed operation
  - Operate SERVO_02 via drive control panel
  - Complete configuration for SERVO_03
  - Load settings to target system

- **SIMOTION configuration and programming**
  - Insert new axis
  - Configure Red_Axis and Blue_Axis
  - Add output cam to Red_Axis
  - Automatic controller settings
  - Operate Red_Axis via SIMOTION axis control panel
  - Create global variables
  - Insert geometry cam
  - Create a SIMOTION program
  - Fault handling
  - Start SIMOTION program with variable
  - Monitoring program state
  - Trace signals
  - Symbol browser
  - Watch table
  - Service overview
  - IT Diag

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4 Revision

Table 4-1: Change of versions

Version	Change
11/2007	new document
04/2011	Supplements to SIMOTION V4.2
04/2012	Supplements to SIMOTION V4.3
07/2014	Supplements to SIMOTION V4.4

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5   Contact partners

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