E6.6.3
PLC & PROCESS VISUALISATION

E6.6.3.3
Basic Package
S7-1516 PN/DP

E6.6.3.31
Trainer Package
PLC S7-1516 PN/DP

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PLC & Process Visualisation
Equipment set E6.6.3.3
This course familiarises students with the most important functions of a stored program control (SPC). The basic package for the Siemens SPC S7-1516-3 PN/DP contains only the assembly components and accessories. The SPC is not included in the kit.

Equipment set E6.6.3.31
This course familiarises students with the most important functions of a stored program control (SPC). The trainer package for Siemens SPC S7-1516-3 PN/DP contains assembly parts and accessories including the necessary SPC.

Educational objectives
• Operate the SPC
• Create programs
• Learn logistics and control functions
• Test the programs
• Set up the network connections for Profi-Net and Profi-Bus / DP

Topics
• Programming of an SPC
• Programming method LAD, SFC, STL, S7-GRAPH
• Expanded program structure
• Logic connections
• Timer and time switch functions, fast counter
• etc.

Experiments require the Siemens software TIA Portal to create programs.
The equipment can require additional software modules.

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<th>Description</th>
<th>E6.6.3</th>
<th>E6.6.3.31</th>
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<td>Basic Panel Siemens</td>
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<td>A selection of 32 masks can be found in E6.7.1.3</td>
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* additionally recommended