SIEMENS

SIMATIC
S7-1200 Programmable controller system manual
Update to edition 04/2011

Product Information

In spite of efforts to ensure the accuracy and clarity in the product documentation, some of the pages in the *S7-1200 Programmable Controller System Manual* contain information that has been identified as being incomplete, incorrect or misleading.

Using the Variable Status page of the S7-1200 Web server

Be aware of the following issues when using the standard Variable Status page:

- The Variable Status page does not allow you to modify a string longer than 198 characters.
- When using exponential notation to enter a value for a Real or LReal data type in the Variable Status page:
  - To enter a real-number value (Real or LReal) with a positive exponent (such as +3.402823e+25), do **not** enter the "+" for the exponent. Instead of entering "+3.402823e+25", you must enter the value in the following format:

    +3.402823e25
  - To enter real-number value (Real or LReal) with a negative exponent, enter the value as follows:

    +3.402823e-25
- The Variable Status page supports only 15 digits for an LReal value (regardless of the location of the decimal point). Entering more than 15 digits creates a rounding error.

Number of HMI devices for an S7-1200 V2 CPU

To clarify the information about the HMI connections in the 04/2011 version of the *S7-1200 Programmable Controller System Manual*, each CPU provides dedicated HMI connections to support up to 3 HMI devices. The total number of HMI is affected by the types of HMI panels in your configuration. For example, you could have up to three SIMATIC Basic panels connected to your CPU, or you could have up to two SIMATIC Comfort panels with one additional Basic panel.

WinCC RT Professional with S7-1200

The use of WinCC RT Professional connected to an S7-1200 CPU is not supported in this product release.

RD_LOC_T (Read Local Time) instruction

The RD_LOC_T instruction now includes a return code value to indicate whether the current local time is in daylight saving time or standard time.

- RET_VAL = W#16# 0000: The current local time is in standard time.
- RET_VAL = W#16# 0001: Daylight saving time has been configured, and the current local time is in daylight saving time.

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