MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6AU1400-2PA23-0AA0

1 GB COMPACTFLASH CARD

Used with the applicable SIMOTION D4x5-2 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens SIMOTION D4x5-2 Manual A5E33441547B, April 2019, sections 2.8, 5.6 and 8.1

SIEMENS

SIMOTION

SIMOTION D4x5-2

Manual

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Valid for
SIMOTION D4x5-2, CX32-2, CBE30-2 and TB30
as of version 5.3

04/2019
A5E33441547B

At the time for going to press, these were:

- 1 GB CF, article number 6AU1400-2PA23-0AA0
- 1 GB CF, article number 6AU1400-2PA22-0AA0
- 1 GB CF, article number 6AU1400-2PA21-0AA0

You will find detailed information on the compatibility relationships for the CF card, boot loader version, SIMOTION D hardware and SIMOTION firmware version in the software compatibility list.

This list can be found on the Internet at (https://support.industry.siemens.com/cs/ww/en/view/18857317).

Rating plate information

The following figure shows you all the information contained on the rating plate of the CF card.

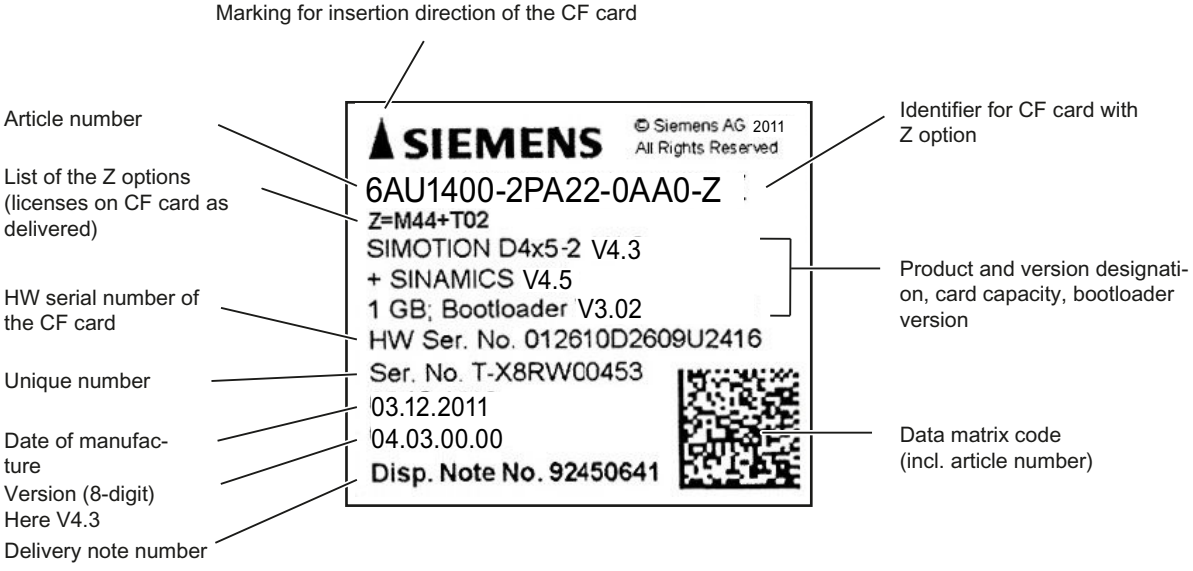


Figure 2-8 Rating plate of the CF card (example of 1 GB CF card)

Pre-installed runtime licenses

The preinstalled licenses are printed on the label as Z option below the article number.

Example

Example with MultiAxes package Z option for D445/D445-1/D445-2/D455-2 + two TControl licenses:

- 6AU1400-2PA22-0AA0-Z

- Z=M44+T02

Reproducibility

The reproducibility at the measuring input input depends on the edge steepness of the measurement signal. Generally, the following is valid: The steeper the edges of the input signal are, the easier it is to reproduce the measurement results. Sloping signals are achieved by switching the signal level to "active". This is typically with rising edges as the signal here is "actively" switched to HIGH by the digital output (example: Output of a TM17 module: Rising edge).

Falling edges typically have less edge steepness (signal level that falls slowly), as the signal level is "not actively" forced to LOW (example: Output of a TM17 module: Falling edge).

Recommendation:
Where the connected components do not have special output drivers, the recommendation is to use the rising edges for measurements.

Further technical data

Table 5-14 Fan, non-volatile data backup, and approvals

Data	SIMOTION D425-2 DP SIMOTION D425-2 DP/PN SIMOTION D435-2 DP SIMOTION D435-2 DP/PN	SIMOTION D445-2 DP/PN SIMOTION D455-2 DP/PN
Fan	Double fan/battery module is included in the scope of delivery	Double fan/battery module is included in the scope of delivery
• Backup time, min. • Charging time, typ.	• 4 days (real-time clock backup) • A few minutes	• 4 days (real-time clock backup) • A few minutes

If a double fan/battery module is used with included battery, the backup time of the real-time clock is at least 3 years.

For further technical data such as the max. number of online connections, HMI devices that can be used as well as a list of tasks available in the execution system, see the function overview in the *SIMOTION PM 21* Catalog.

5.6 CompactFlash card

CompactFlash card

Table 5-15 CF card

Memory capacity	1 GB (Article No. 6AU1400-2PA23-0AA0) 1 GB (Article No. 6AU1400-2PA22-0AA0) 1 GB (Article No. 6AU1400-2PA21-0AA0)
Weight	10 g

Spare parts/accessories

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8.1 Available spare parts and accessories

Table 8-1 Spare parts and accessories

Parts for the SIMOTION D4x5-2	Article number	Accesso-ries	Spare part
CompactFlash card (CF card) 1 GB CompactFlash card (CF card) with drive software and SIMO-TION Kernel (latest CF card at the time of writing)	6AU1400-2PA23-0AA0	x	
Seal for external heat dissipation (only for D445-2 DP/PN and D455-2 DP/PN)	6FC5348-0AA07-0AA0	x	
Double fan/battery module incl. battery The double fan/battery module is already included in the scope of delivery for the SIMOTION D4x5-2.	6FC5348-0AA02-0AA0		x
3 V lithium battery for fan/battery module	6FC5247-0AA18-0AA0		x
Terminal kit, contains • 3 x I/O connectors for X122/X132/X142 • 1 x 24 V connector for X124 • 5 x DRIVE-CLiQ blanking covers for X100-X105	6SL3064-2CB00-0AA0		x
Option slot protective cover	6SL3064-3CB00-0AA0		x
Spacer • For SIMOTION D425-2/D435-2 • For SIMOTION D445-2/D455-2	 6SL3064-1BB00-0AA0 6FC5348-0AA06-0AA0		 x x
Dust protection blanking plugs for sealing unused DRIVE-CLiQ, Ethernet, or PROFINET ports • Filler plugs (50 pcs)	6SL3066-4CA00-0AA0	x	x
Blanking cover for the protection of the operator controls	6SL3064-3BB00-0AA0		x