MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7953-8LP31-0AA0

EIGHT-MEGABYTE MICRO MEMORY CARD

Used with the applicable SIMATIC S7 Micro Memory Cards configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens original 6ES7953-8LP31-0AA0 data sheet, memory specifications; application description 66604179 V4.2.2, approved hardware table, page 9.

Table 1-2: Hardware components – SIMATIC controller

Component	No.	Article number	Note
CPU 31xT	1	6ES7315-7TJ10-0AB0 6ES7317-7TK10-0AB0 6ES7317-7UL10-0AB0	The following CPUs can also be used … 6ES7315-6TG10-0AB0 6ES7315-6TH13-0AB0 6ES7317-6TJ10-0AB0 6ES7317-6TK13-0AB0 (FW V2.6 / 4.1.1 or higher)
CPU 317TF Fail-safe technology CPU for simultaneous execution of technology program and safety program.		6ES7317-7UL10-0AB0	The following CPU can also be used … 6ES7317-6TF14-0AB0 (FW V2.7 / 4.1.5 or higher)
Micro Memory Card 8 MB	1	6ES7953-8LP31-0AA0	The S7 program is stored on the MMC.

Note To be able to use the “Drive Error Messages” technology template, the following system function blocks must exist in the project:

SFC 18 “ALARM_S”: To output ALARM_S messages
SFC 24 “TEST_DB”: To check data blocks

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1.5.2 Hardware components – SINAMICS S120

The SINAMICS S120 drive system whose axes are to be monitored using the “Drive Error Messages” technology template is connected to the technology CPU via the DP(Drive) interface.

Table 1-3: Hardware components – “SINAMICS S120”

Component	No.	Article number	Note
Control Unit CU 310-2 DP	1	6SL3040-1LA00-0AA0 Firmware: V 04.05 or V 04.06	The control unit implements the open-loop/closed-loop control of the drives connected to the SINAMICS S. The control units can be used as alternatives.
Control Unit CU 320-2 DP		6SL3040-1MA00-0AA0 Firmware: V 04.05 or V 04.06	