MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6FC5110-0CB01-0AA0

PLC CPU 135 WD

Used with the applicable SINUMERIK 840C configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens SINUMERIK 840C Planning Guide section 2.3.3.5

2.3.3.5 PLC CPU 135 WD 6FC5 110-0CB01-0AA0

The functions of PLC CPU 135 WB2 and the PLC interface are combined on this module. The system program and the user program must be loaded from the hard disk of the MMC CPU into the buffered RAM of PLC CPU 135WD during start-up (see Installation Instructions, PLC Start-up).

With SW 4 and higher, S5 configuring**/**diagnostics is also possible via the optional STEP5**/** -SW on the MMC CPU (via X111 of the PLC CPU and X151 of the MMC CPU).

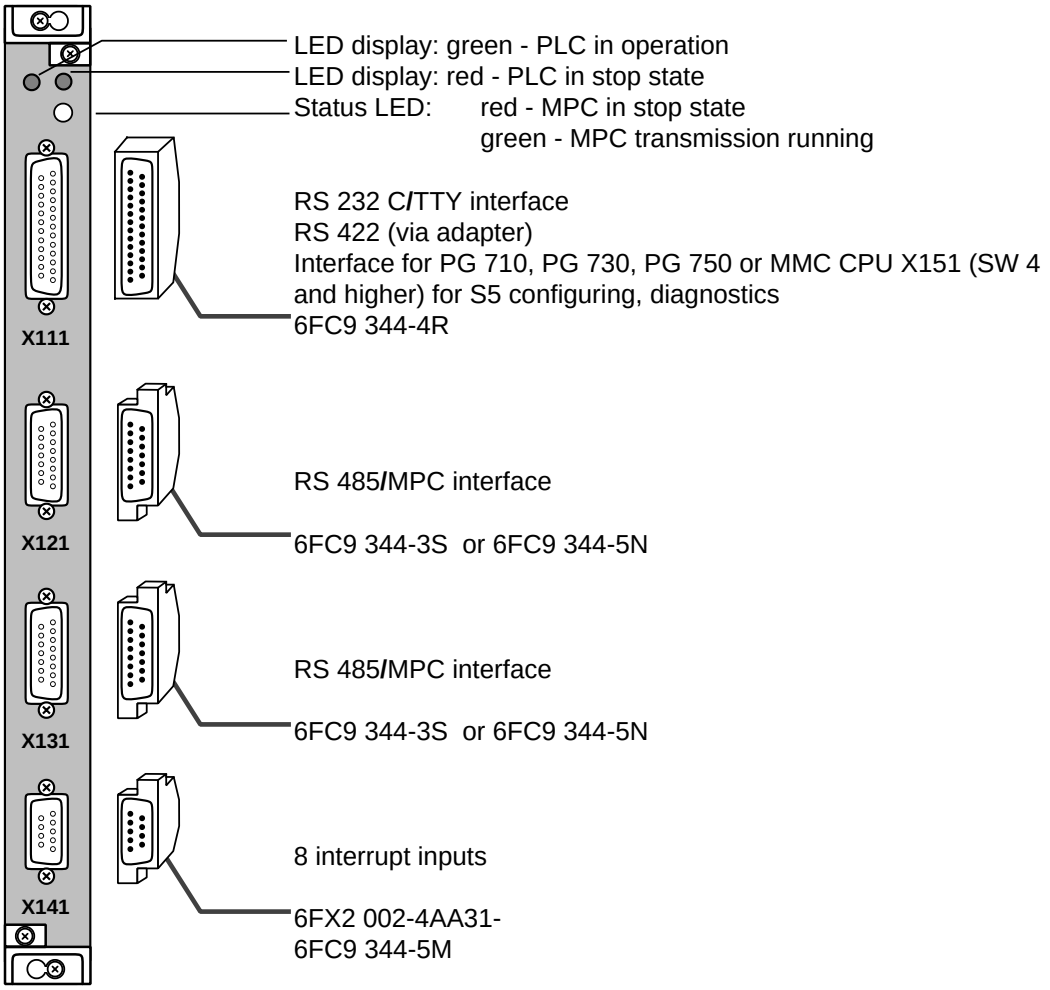
Function blocks for the PLC part:

- CPU 80C186**/**16 MHz with PLC coprocessor ACOP2
- Restart-EPROM
- RAM, buffered

Function blocks for I/Os:

- I**/**O processor 80C186**/**16 MHz
- MPC with 2 RS 485 interfaces for connecting DMP stations
- 8 inputs, floating, interrupt generating (group interrupt)
- Serial interface for connecting a programmer

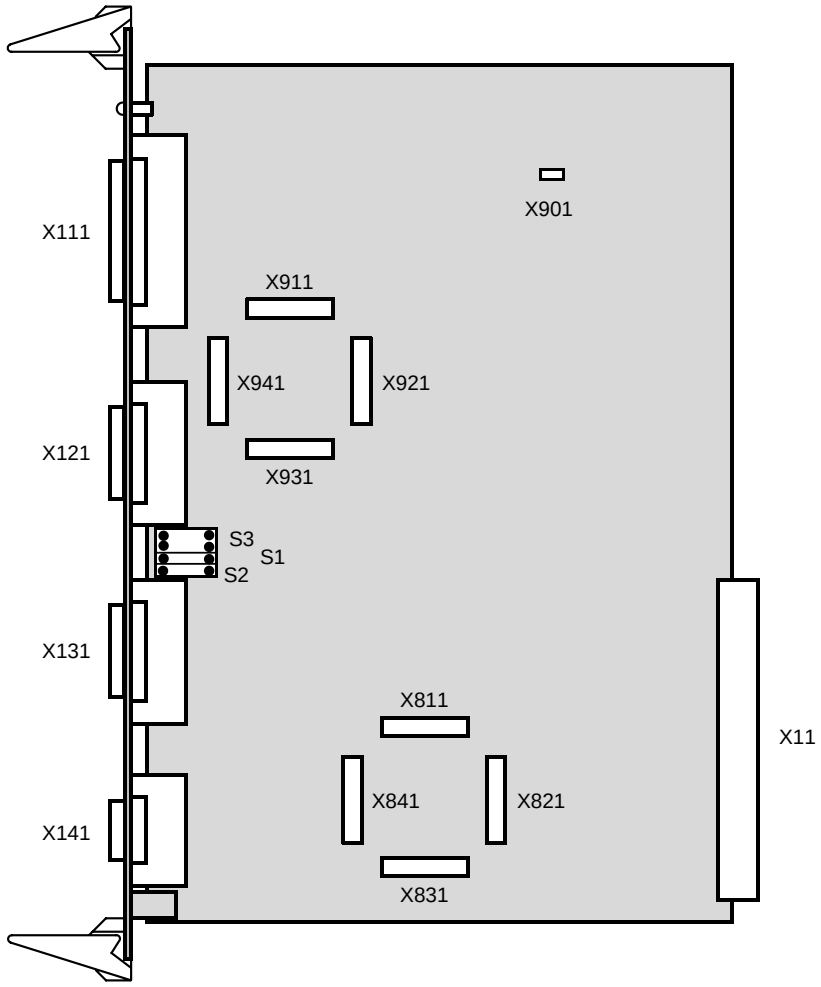
Location of interfaces, the operator control and display elements



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Note:

See Section 4, Distributed Machine Peripherals, for a complete connecting overview of all possible DMP stations.



S1, S2,	–	Jumpering when using a RS 422 adapter (see table below)
S3	–	Terminating resistor jumpering (see tables below)
X811 to X941	–	For testing purposes only
X901	-	Open
X11	–	Bus interface

Total current	+5 V	+15 V	–15 V	V_{CC}
Typical	1.0 A	0.05 A	0.05 A	0.003 mA

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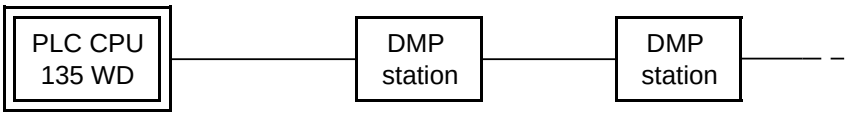
Jumpering of the terminating resistors for MPC interfaces

The terminating resistors for the MPC interfaces are connected via the S3 jumpers (serial RS 485 bus).

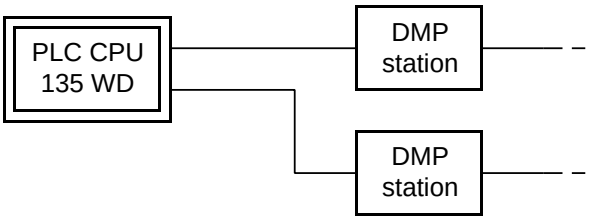
The jumpers may only be closed according to the following scheme and in pairs.

Bus connection	Jumpers	Application
X121 **or** X131 (**one** connector assigned)	S3 closed	A
X121 **and** X131 (**two** connectors assigned)	S3 open	B

Application A (1 MPC line)



Application B (2 MPC lines)



Jumpering when using a RS 422 adapter

Bus connection	Jumper
RS 232 C	S1/S2 open
RS 422 adapter, plugged in	S1/S2 closed

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