

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

SIEMENS SIMATIC S7

6ES7677-1DD50-2AA0

SIMATIC EMBEDDED AUTOMATION COMPONENT

Applicable product family: SIMATIC Embedded Automation

OFFICIAL SOURCE

6ES7677-1DD50-2AA0.pdf

The following pages are selected from the supplied manufacturer document and retain their original page content.

SIMATIC S7-MODULAR EMBEDDED CONTROLLER, EM PC
EXTENSION MODULE F. ADDITIONAL CONNECTORS 2 X USB, 1
X ETHERNET GB, 1 X COM, 1 X DVI-I, 1 X SLOT CF 1 X SLOT
SD/MMC



Figure similar

General information	
Product type designation	EM PC
Hardware product version	01
Input current	
from expansion bus	580 mA
Power loss	
Power loss, typ.	9 W
Power loss, max.	14 W
Hardware configuration	
Integrated power supply	No
Interfaces	
serial interface	1x V.24 (RS232)
Industrial Ethernet	
• Industrial Ethernet interface	Onboard, 10/100/1000 Mbit/s, RJ45
Interrupts/diagnostics/status information	

Diagnostic functions	Yes; POWER LED, CARD LED for indicating access to SD/MMC
EMC	
Emission of radio interference acc. to EN 55 011	
• Limit class A, for use in industrial areas	Yes
Degree and class of protection	
Degree of protection acc. to EN 60529	
• IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
cULus	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Vibrations	
• Operation, tested according to IEC 60068-2-6	Yes
• Transport, tested acc. to IEC 60068-2-6	Yes
Shock test	
• tested according to IEC 60068-2-27	Yes
• tested according to IEC 60068-2-29	Yes
Dimensions	
Width	80 mm; Without bus connector Extension-Bus
Height	125 mm
Depth	115 mm
Weights	
Weight, approx.	0.4 kg
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