SIMATIC S7-1200 CPU1214C DC/DC/DC

Product Data Sheet

6ES7214-1AG40-0XB0

SIMATIC S7-1200 Compact CPU

DC SUPPLY RANGE	RATED SUPPLY CURRENT	MAXIMUM SUPPLY CURRENT	MAXIMUM INRUSH CURRENT
20.4 to 28.8 V	**500 mA**	**1500 mA**	**12 A at 28.8 V**

Siemens 6ES7214-1AG40-0XB0 is a simatic s7-1200 compact cpu in the SIMATIC S7-1200 CPU1214C DC/DC/DC range. It is used for compact machine and process control with DC transistor outputs in compatible industrial automation projects.

01 VERIFIED TECHNICAL DATA

DC supply range	20.4 to 28.8 V
Rated supply current	500 mA
Maximum supply current	1500 mA
Maximum inrush current	12 A at 28.8 V
Typical power loss	12 W
Integrated digital inputs	14, 24 V DC
Integrated transistor outputs	10, 24 V DC
Transistor channel rating	0.5 A
Integrated analog inputs	2, 0 to 10 V
Analog input resistance	100 kohm minimum

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Analog resolution	10 bit including overrange
Analog conversion time	625 micros per channel
Expansion capacity	3 communication modules, 1 signal board, 8 signal modules
Integrated load memory	4 MB
Backplane current budget	1600 mA at 5 V DC

03 DOCUMENTED USE SETTINGS

Packaging Production and Material Converting: Packaging Production Process Control.

Food Processing and Beverage Production: Beverage Processing and Production.

Water Supply and Municipal Wastewater Treatment: Industrial Water Treatment Processes.

04 SYSTEM COMPATIBILITY

Integrate 6ES7214-1AG40-0XB0 only in the documented SIMATIC S7-1200 CPU1214C DC/DC/DC configuration. Match the installed interfaces and the engineered application before selecting this simatic s7-1200 compact cpu.

05 PRODUCT EVIDENCE

Siemens 6ES7214-1AG40-0XB0 product technical data; pages 1, 2, 3, 4, 5, 6, 7, 8

AMIKON PRODUCT SUPPORT

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