

SIMATIC ET 200SP FAILSAFE CONTROLLERS

Product Data Sheet

6ES7512-1SK01-0AB0

CPU 1512SP F-1 PN controller

FUNCTION CPU 1512SP F-1 PN controller	FAMILY SIMATIC ET 200SP failsafe controllers	ORIGIN Germany	WEIGHT 310 g
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Siemens Simatic S7 6ES7512-1SK01-0AB0 is a CPU 1512SP F-1 PN controller for the SIMATIC ET 200SP failsafe controllers. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Product Type	CPU 1512SP F-1 PN
Hardware Version	FS01
Firmware Version	V1.8
Engineering Software	V13 SP1 Update 4
Mode Selector Switch	1
Supply Voltage	24 V DC
Supply Lower Limit	19.2 V
Supply Upper Limit	28.8 V
Mains	5 ms
Current Consumption	0.6 A

ADDITIONAL PRODUCT DATA

Inrush Current	4.7 A; Rated value
I ² T	0.14 A ² ·s
Infeed Power To The Backplane Bus	8.75 W
Power Loss	5.6 W
Program Memory	300 kbyte

OFFICIAL APPLICATIONS

- Batch and Packaging Suites for Cpu 1512Sp F-1 Pn: Validated Production Systems
- Air and Chilled Water Plants for Cpu 1512Sp F-1 Pn: Building Utility Systems
- Propulsion and Utility Machinery for Cpu 1512Sp F-1 Pn: Marine Automation Systems

SYSTEM COMPATIBILITY

Match 6ES7512-1SK01-0AB0 to the installed SIMATIC ET 200SP failsafe controllers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

Local manufacturer PDF: 6ES7512-1SK01-0AB0.pdf

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM