

SIMATIC S7-300F SAFETY SYSTEMS

Product Data Sheet

6ES7315-6FF01-0AB0

CPU 315F-2 DP failsafe controller

FUNCTION CPU 315F-2 DP failsafe controller	FAMILY SIMATIC S7-300F safety systems	ORIGIN Germany	WEIGHT Confirm before dispatch
--	---	--------------------------	--

S7-300 6ES7315-6FF01-0AB0 is a CPU 315F-2 DP failsafe controller for the SIMATIC S7-300F safety systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	6ES7315-6FF01-0AB0
Product Class	Cpu 315F-2 Dp Failsafe Controller
Product Family	SIMATIC S7-300F safety systems
Controller Type	CPU 315F-2 DP
Work Memory	192 KB
Process Image Inputs	384 bytes
Integrated Interfaces	MPI and PROFIBUS DP
Supply Voltage	24 V DC
Module Width	40 mm
Safety Function	Failsafe S7-300F

Low-Demand PFD	2.38E-05
High-Demand PFH	5.43E-10 per hour
Proof-Test Interval	10 years
Firmware Basis	V2.0.1 or later
Programming System	STEP 7 with Distributed Safety

- Packaging and assembly machine control with CPU 315F-2 DP: Machine sequence coordination ■ CPU 315F-2 DP packaging conveyor sequence control ■ CPU 315F-2 DP machine permissive signal handling
- Pumping stations and treatment skids with CPU 315F-2 DP: Utility process coordination ■ CPU 315F-2 DP lift-station pump duty rotation ■ CPU 315F-2 DP treatment skid alarm coordination
- Assembly cells and conveyor zones with CPU 315F-2 DP: Cell sequence control ■ CPU 315F-2 DP assembly fixture cycle sequencing ■ CPU 315F-2 DP conveyor zone interlock control

Match 6ES7315-6FF01-0AB0 to the installed SIMATIC S7-300F safety systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Manufacturer official product documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM