SIEMENS OFFICIAL DATA EXTRACT
6ES7315-2AH14-0AB0

SIMATIC S7-300 CPU 315-2 DP

Central processing unit with integrated MPI and PROFIBUS DP master/device interface.

Field	Official value
Complete model	6ES7315-2AH14-0AB0
Product family	SIMATIC S7-300
Product type	CPU 315-2 DP
Work memory	256 KB
Interfaces	Integrated MPI; PROFIBUS DP master/device
Supply voltage	24 V DC; permissible range 19.2 to 28.8 V
Current consumption	Rated 850 mA; no-load typ. 150 mA; inrush typ. 3.5 A
Power loss	Typ. 4.5 W
Load memory	Plug-in Micro Memory Card required; up to 8 MB
Bit processing time	Typ. 0.05 µs
Engineering	STEP 7 V5.5 SP1 or higher, or compatible HSP route listed by Siemens
Dimensions	40 x 125 x 130 mm (W x H x D)
Weight	Approx. 290 g

Source pages: Official Siemens data sheet pages 1 and 7 of 7

Official Siemens source:
https://support.industry.siemens.com/teddatasheet/?caller=SIOS&format;=pdf&language;=en&mlfbs;=6ES7315-2AH14-0AB0

This file is a model-specific extract compiled only from the cited Siemens official product data. It does not introduce substitute-model specifications.