SIEMENS PRODUCT DATA

6ES7512-1SM03-0AB0

SIMATIC ET 200SP CPU 1512SP F-1 PN

Specification	Official product data
Product family	SIMATIC ET 200SP
Product type	Fail-safe CPU 1512SP F-1 PN
Work memory	600 KB program; 2 MB data
Load memory	SIMATIC Memory Card required; up to 32 GB
Communication	PROFINET IRT with 3-port switch; BusAdapter required for ports 1 and 2
Bit performance	6 ns
Supply voltage	24 V DC; permissible range 19.2 to 28.8 V
Rated / max. current	0.48 A / 0.70 A
Power loss	3.5 W typical
Firmware	V4.0; HW functional status FS04
Engineering	TIA Portal V20 (FW V4.0) / V18 (FW V3.0) or higher
Operating temperature	-30 to +60 deg C
Dimensions	100 x 117 x 75 mm (W x H x D)
Weight	Approximately 265 g

Official Siemens source

https://support.industry.siemens.com/teddatasheet/?caller=SIOS&format;=pdf&language;=en&mlfbs;=6ES7512-1SM03-0AB0

This exact-model extract is prepared from the Siemens official technical data sheet identified by the complete article number above.