AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7288-1ST60-0AA1

CPU ST60 Transistor Controller

ONBOARD I/O	PROGRAM	SUPPLY	EXPANSION
36 DI / 24 transistor DO	**30 KB**	**20.4 to 28.8 V DC**	**6 EM / 1 signal board**

Siemens 6ES7288-1ST60-0AA1 is the CPU ST60 DC/DC/DC controller in the S7-200 SMART family. It combines thirty-six digital inputs, twenty-four sourcing transistor outputs and 30 KB of program memory, providing a sixty-point base for an expandable control station.

01 VERIFIED TECHNICAL INFORMATION

CPU supply range	20.4 to 28.8 V DC
Onboard digital inputs	36, nominal 24 V DC
Onboard digital outputs	24 sourcing MOSFET transistor outputs
Program memory	30 KB
Ethernet interface	1 port, 10/100 Mbit/s
Serial interface	1 x RS485
Expansion modules	6 maximum

Manufacturer evidence: S7-200 SMART System Manual; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Signal-board expansion	1 maximum
Expansion-bus supply	5 V DC, 1400 mA maximum
Sensor-power output	24 V DC, 300 mA maximum
Output current per point	0.5 A maximum; observe load type and group limits
Output current per common	6 A maximum
Output overload protection	Not provided
Output behavior in STOP	Last value or substitute value; default substitute is 0
Power dissipation	20 W

03 SOURCE AND CONFIGURATION CHECKS

Ethernet and RS485 provide network and serial communication alongside the local I/O. Expansion modules and a signal board can extend the standard CPU, while separate sensor-power, expansion-bus and output-group ratings define the electrical resources available to the configured station.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM