

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7288-1SR40-0AA1
SIMATIC S7-200 SMART CPU SR40 AC/DC/Relay

PRODUCT	POWER	ONBOARD I/O	MEMORY
CPU SR40	85-264 V AC	24 DI / 16 relay DQ	40 KB

Siemens 6ES7288-1SR40-0AA1 is a SIMATIC S7-200 SMART CPU SR40 compact PLC with 24 integrated 24 V DC digital inputs and 16 relay outputs rated up to 2 A. The controller uses an 85-264 V AC supply and provides Ethernet and RS485 communication for small automation applications.

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CURRENT PAGE PARAMETERS

Product Model	6ES7288-1SR40-0AA1
Product Type	SIMATIC S7-200 SMART CPU SR40
Power Supply	85-264 V AC, 47-63 Hz
Digital Inputs	24 integrated, 24 V DC
Relay Outputs	16 integrated, 2 A
Program/Data Memory	40 KB
Communication	Industrial Ethernet and RS485
Dimensions	125 x 100 x 81 mm
Approximate Weight	0.4413 kg
Maximum Power Loss	23 W
Programming	STEP 7-Micro/WIN SMART
Commodity Code	85371091

Source scope: official Siemens Industry Mall product data and SIMATIC S7-200 SMART System Manual V2.8, A5E03822230-AL.

02 TECHNICAL SUMMARY

Article Number	6ES7288-1SR40-0AA1
CPU Designation	CPU SR40 AC/DC/Relay
Mounting	Standard DIN rail
Sensor Power	24 V DC, 300 mA max.
Input Current	4 mA per used digital input
Ethernet	10/100 Mbit/s
Serial Interface	RS485
Operating Temperature	0 to 55 deg C horizontal
Storage / Transport	-40 to 70 deg C
Relative Humidity	95% at 25 deg C, non-condensing
Installation Altitude	Up to 2000 m
Product Lifecycle	Active product; verify current Siemens PLM status

03 DOCUMENT CONTROL

Use the current Siemens product datasheet, S7-200 SMART system manual, electrical installation rules, and project-specific safety documentation. This Amikon document is a formatted reference and does not replace controlled Siemens instructions.