AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7288-1SR40-0AA1

CPU SR40 Relay Controller

DEVICE	ONBOARD I/O	PROGRAM	SUPPLY
CPU SR40	**24 DI / 16 DO**	**24 KB**	**85-264 V AC**

For forty-point relay control, Siemens 6ES7288-1SR40-0AA1 supplies 24 digital inputs, 16 relay outputs and 24 KB of program memory. This AC-powered CPU SR40 supports standard SMART expansion; its V2.8 variable-memory specification is 20 KB, so data capacity must be matched to the installed firmware.

01 VERIFIED TECHNICAL INFORMATION

AC supply range	85 to 264 V AC, 47 to 63 Hz
Onboard digital inputs	24, nominal 24 V DC
Onboard digital outputs	16
Output technology	Relay, dry contact
Program memory	24 KB
Ethernet interface	1, 10/100 Mbit/s
Serial interface	1 x RS485

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

02 TECHNICAL INFORMATION CONTINUED

Expansion modules	6 maximum
Signal-board expansion	1 maximum
Sensor-power output	24 V DC, 300 mA maximum
Output current per point	2 A maximum; observe common-group and load-type limits
Memory card	Optional microSDHC card
Expansion-bus supply	5 V DC, 1400 mA maximum

03 SOURCE AND CONFIGURATION CHECKS

The controller separates its program resources, network communication and relay-load capacity within one expandable station. Ethernet and RS485 interfaces support configured communications, while optional modules and a signal board extend the available resources. Firmware and power-budget checks remain essential when defining the 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