AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7288-1SR30-0AA1

CPU SR30 Relay Controller

DEVICE	ONBOARD I/O	PROGRAM	SUPPLY
CPU SR30	**18 DI / 12 DO**	**18 KB**	**85-264 V AC**

The expandable Siemens 6ES7288-1SR30-0AA1 CPU SR30 combines 18 digital inputs and 12 relay outputs within a 110 mm-wide controller. An AC supply powers this standard S7-200 SMART unit, whose 18 KB program memory is accompanied by support for six expansion modules and one signal board.

01 VERIFIED TECHNICAL INFORMATION

AC supply range	85 to 264 V AC, 47 to 63 Hz
Onboard digital inputs	18, nominal 24 V DC
Onboard digital outputs	12
Output technology	Relay, dry contact
Program memory	18 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

Ethernet and RS485 provide network and serial communication alongside the local control program. Separate sensor-power and expansion-bus supplies support the configured station, while relay-load limits remain distinct from those power budgets. Firmware-specific functions must match the installed controller and engineering project.

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

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