

SIMATIC S7-200 SMART

Product Data Sheet

6ES7288-1CR30-0AA1

CPU CR30s AC/DC/Relay

PROGRAM MEMORY	ONBOARD I/O	SUPPLY	WEIGHT
12 KB	18 DI + 12 RLY	85-264 V AC	0.435 kg

Siemens 6ES7288-1CR30-0AA1 is a SIMATIC S7-200 SMART CPU CR30s AC/DC/Relay for compact serial automation. It combines an 85 to 264 V AC supply, 18 digital inputs, 12 relay outputs and one integrated RS485 communication port.

01

VERIFIED TECHNICAL DATA

Product type	SIMATIC S7-200 SMART CPU CR30s AC/DC/Relay
Power supply	85 to 264 V AC, 47 to 63 Hz
Onboard digital inputs	18 points, rated 24 V DC
Onboard digital outputs	12 relay outputs, 2 A
Program / data memory	12 KB / 8 KB
Expansion	Non-expandable compact serial CPU
Communication	1 integrated RS485 serial port
High-speed counters	4 at 100 kHz single phase
Dimensions / weight	110 x 100 x 81 mm / 0.435 kg
Origin / commodity code	Germany / 85371091

Technical values are limited to the exact Siemens product record and applicable official manual.

02

PRODUCT IDENTITY AND FUNCTION

The CPU CR30s AC/DC/Relay is a compact AC/DC/Relay controller engineered with STEP 7 Micro/WIN SMART. Its 12 dry-contact relay outputs switch AC or DC loads, while the integrated RS485 port provides serial machine and HMI communication.

An 85 to 264 V AC supply is required. Relay contact grouping, load current, suppression, grounding, firmware and serial communication settings must be verified before replacement or commissioning.

03

OFFICIAL APPLICATIONS

- Multi-station conveyor sequence control with relay outputs
- Pump and valve groups requiring additional onboard I/O
- Packaging machine interlocks and actuator sequencing
- Cut-to-length equipment using high-speed counting
- Process units using integrated PID loops and serial HMI communication

04

SYSTEM COMPATIBILITY

Siemens identifies this CPU as a compact serial member of the SIMATIC S7-200 SMART family. It is non-expandable and has no signal-board slot or Ethernet interface.

05

OFFICIAL SOURCES

[Siemens technical data for 6ES7288-1CR30-0AA1](#)

[SIMATIC S7-200 SMART System Manual, V2.8](#)

06

LIFECYCLE & REPLACEMENT

Siemens identifies 6ES7288-1CR30-0AA1 as the CPU CR30s AC/DC/Relay article for the S7-200 SMART family. An exact replacement must retain the complete article number, compact serial architecture and a supported firmware and engineering-tool combination.

Before replacement, archive the project and verify I/O allocation, relay contact grouping, load suppression, RS485 parameters and firmware. Check the current Siemens product record for PLM status and any official successor notice.

AMIKON PRODUCT SUPPORT

Amikon Limited

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM