SIMATIC C7

Product Data Sheet

6ES7630-0DA00-0AB0

C7 Digital and Analog I/O Expansion Module

DIGITAL INPUTS	DIGITAL OUTPUTS	ANALOG INPUTS	ANALOG OUTPUTS
16	16	4	4

Siemens 6ES7630-0DA00-0AB0 is the I/O expansion module for the listed SIMATIC C7-633, C7-634, C7-623/P, C7-624/P and C7-626/P variants. It adds sixteen digital inputs, sixteen digital outputs, four analog inputs, four analog outputs and four universal inputs to the applicable C7 arrangement. The module combines discrete and analog expansion in one C7-specific assembly.

01 TECHNICAL DATA

Digital inputs	16
Digital outputs	16
Analog inputs	4
Analog outputs	4
Universal inputs	4

Siemens 6ES7630-0DA00-0AB0 manufacturer technical data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

The Siemens data sheet directs the detailed electrical characteristics of each I/O group to the C7-633/P specifications. The stated channel counts identify the expansion scope but do not independently establish signal ranges, output loading or terminal assignments for every C7 variant. Integration therefore uses the matching C7 documentation and project configuration for the connected controller, with the digital, analog and universal groups allocated separately.

03 PRODUCT FUNCTION

Use the expansion module only with the C7 units listed in its manufacturer data sheet. Confirm the complete C7 controller identity and the supported expansion arrangement before assigning the hardware in the project. Keep the expansion module separate from the integrated I/O already present in the controller.

04 SYSTEM COMPATIBILITY

Allocate sixteen digital inputs, sixteen digital outputs, four analog inputs, four analog outputs and four universal inputs in the intended application. Use the corresponding C7-633/P electrical and terminal documentation for signal connection; the channel-count list alone does not provide voltage or load limits.

05 REFERENCE

Siemens 6ES7630-0DA00-0AB0 manufacturer technical data; applicable specification pages.

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