SIMATIC S7-400

Product Data Sheet

6ES7403-1TA01-0AA0

ER1 Eighteen-Slot Expansion Rack

MAXIMUM SINGLE-WIDTH POSITIONS	BACKPLANE BUS	SUPPORTED MODULE ROLE	POWER-SUPPLY ARRANGEMENT
18	**P bus**	**Signal-module expansion**	**2 redundant power supplies pluggable**

Siemens 6ES7403-1TA01-0AA0 is the ER1 expansion rack for SIMATIC S7-400. It provides eighteen single-width positions and a P-bus backplane for the documented signal-module expansion arrangement. The manufacturer identifies this rack for signal modules rather than as a general-purpose central CPU rack.

01 TECHNICAL DATA

Maximum single-width positions	18
Backplane bus	P bus
Supported module role	Signal-module expansion
Power-supply arrangement	2 redundant power supplies pluggable

Siemens 6ES7403-1TA01-0AA0 manufacturer technical data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

The rack supports the specified arrangement with two pluggable redundant power supplies. Its available positions must be allocated with the actual power and interface hardware required by the S7-400 station design; eighteen positions do not imply eighteen signal modules in every configured rack. The compatible expansion interface and host arrangement determine how the rack is connected to the central station.

03 PRODUCT FUNCTION

Use ER1 as the documented S7-400 expansion rack and select the supported expansion interface and host connection. The P bus serves the signal-module arrangement. Do not assume that CPU or communication modules intended for a different rack architecture are supported here.

04 SYSTEM COMPATIBILITY

Allocate the eighteen single-width positions to the actual station layout, including the required power-supply and interface hardware. If redundant supplies are used, follow the specified two-supply arrangement and the applicable module compatibility rules. Reserve positions according to the selected hardware widths.

05 REFERENCE

Siemens 6ES7403-1TA01-0AA0 manufacturer technical data; applicable specification pages.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**