S7-400

Product Data Sheet

6ES7450-1AP00-0AE0

two-channel counter module

FUNCTION	FAMILY	ORIGIN	WEIGHT
two-channel counter module	**S7-400**	**Germany**	**0.808 kg**

S7-400 6ES7450-1AP00-0AE0 is a two-channel counter module for the S7-400. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Article number	6ES7450-1AP00-0AE0
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V; Dynamic 18.5 V
permissible range, upper limit (DC)	28.8 V; dynamic 30.2 V
from load voltage 1L+ (without load), max.	40 mA
from backplane bus 5 V DC, max.	450 mA
5 V	Yes; 5.2 V ±2 %
Short-circuit protection	Yes
Output current, max.	300 mA
24 V	Yes; 1L+ (-3 V)

02 ADDITIONAL PRODUCT DATA

Power loss, typ.	9 W
Number of digital inputs	6

03 OFFICIAL APPLICATIONS

- Press lines and robotic welding cells: Remote Station Systems
- Mill drives and furnace auxiliaries: Energy Management Systems
- Paper machine wet-end systems: Drive Coordination Systems

04 SYSTEM COMPATIBILITY

Match 6ES7450-1AP00-0AE0 to the installed S7-400, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official manufacturer documentation

Local manufacturer PDF: 6ES7416-3ER05-0AB0.pdf

AMIKON PRODUCT SUPPORT

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