6ES7407-0DA02-4CA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es7407-0da02-4ca0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Supply Voltage	120 V AC, 230 V AC, 120 V DC, 230 V DC
Output Voltage	5 V DC, 24 V DC
Output Current	4 A (5 V DC), 0.5 A (24 V DC)
Mains Buffering Time	20 ms
Short-Circuit Protection	Yes
Dimensions	25 mm (W) x 290 mm (H) x 217 mm (D)
Weight	760 g
Manufacturer	Siemens
Product Type	Power Supply Module

Description

The Siemens 6ES7407-0DA02-4CA0 is a power supply module designed for the SIMATIC S7-400 automation system. It provides a stable 5 V DC output at 4 A and a 24 V DC output at 0.5 A, ensuring reliable operation of industrial control applications.

This module accepts a wide input voltage range, including 120 V AC and 230 V AC, as well as 120 V DC and 230 V DC, making it versatile for various industrial environments. It features a mains buffering time of 20 ms, in line with NAMUR recommendations, to maintain system stability during brief power interruptions.

The module also includes short-circuit protection on its outputs to safeguard connected components. Designed for easy integration, it occupies one slot in the S7-400 rack system and is cooled via natural convection, eliminating the need for additional cooling mechanisms.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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The 6ES7407-0DA02-4CA0 is ideal for critical industrial processes requiring high reliability and operational safety.

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