SIEMENS-6ES5-955-3NC42-6ES5955-3NC42-POWER-SUPPLY-E-STAND-01-NEUWERTIG

Industrial automation components



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Manufacturer	Siemens
Catalog number	siemens-6es5-955-3nc42-6es5955-3nc42-power-supply-e-stand-01-neuwertig
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	24 V DC (19.2 - 33 V)
Output Voltage	5 V DC
Output Current	18 A
Efficiency at Rated Load	60%
Heat Dissipation at Rated Load	90 W

Description

The Siemens 6ES5 955-3NC42 is a power supply module designed for the SIMATIC S5-135U/-155U central controllers and EU 183U/185U expansion units. It converts a 24 V DC input into a regulated 5 V DC output, delivering up to 18 A of current.

This module is essential for providing stable power to the S5-135U/-155U systems, ensuring reliable operation in industrial automation applications. Key features include input voltage protection against polarity reversal and a peak inrush current of 100 A for 1 µs, which safeguards the system during startup.

The efficiency at rated load with fans is 60%, and it has a maximum heat dissipation of 90 W under these conditions. The module complies with safety specifications VDE 0805 / EN 60950 / IEC 950 / VDE 0160 and VDE 0106 Part 101, ensuring safe operation within the specified parameters.

This power supply module is suitable for applications requiring a robust and reliable power source for Siemens S5-135U/-155U controllers and associated expansion units.

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