

C500-PS221

Industrial automation components

Manufacturer	Omron
Catalog number	c500-ps221
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.64 kgs
Product Type	Controller
Voltage	24 V
Current	0.8 A
Frequency	50 - 60
Component Specifications	ps221
Signal Type	24
Signal Level	24 V
Relay Specifications	120 VAC

Description

The Omron C500-PS221 is a power supply module designed for the Sysmac C500 series programmable logic controllers (PLCs). It provides a regulated 24 VDC output at 0.8 A, ensuring reliable power delivery for PLC systems. The module accepts an input voltage of 100–120 VAC or 200–240 VAC, selectable via a switch, and operates at a frequency of 50/60 Hz. With a maximum power consumption of 150 VA, it efficiently supports the power needs of connected PLC units. The C500-PS221 is engineered for panel mounting, facilitating straightforward integration into control panels or enclosures. Its compact dimensions (250 mm in length, 100 mm in width, and 60 mm in height) and lightweight design (approximately 0.96 kg) make it suitable for various industrial applications. The module is built to operate in ambient temperatures ranging from 0°C to 55°C, ensuring stable performance in diverse environments. For detailed technical specifications, refer to the datasheet provided by Omron.