5PC6005X02-01

Industrial automation components

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Manufacturer	B&R
Catalog number	5pc6005x02-01
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Nominal Voltage	24 VDC
Nominal Current	3.8 A
Inrush Current	40 A
PCI Slots	2 slots
Drive Slot	1 slot
RS232 Serial Interfaces	2 ports
USB 2.0 Ports	2 ports
Ethernet Ports	2 ports
Bootloader	BIOS
Cooling	Passive via heat sink, optional active fan kit
Housing Material	Galvanized plate
Front Cover Material	Dyed orange plastic

Description

The B&R 5PC600.5X02-01 is a robust industrial PC designed for demanding automation applications. This model features a 24 VDC nominal voltage and operates at a current of 3.8 A, with an inrush current of up to 40 A for less than 300 µs.

It offers two PCI slots (32-bit, half-size) and one drive slot, providing flexibility for various configurations. Connectivity options include two RS232 serial interfaces, two USB 2.0 ports, and two Ethernet ports (10/100 Mbit/s).

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The system supports a real-time clock with battery backup and utilizes a BIOS bootloader. Cooling is achieved passively via a heat sink, with an optional active fan kit for enhanced thermal management.

The device is housed in a galvanized plate enclosure with a front cover made of dyed orange plastic, ensuring durability and compliance with IP20 protection standards. Dimensions are 114.9 mm (W) x 270 mm (H) x 253 mm (D), with a weight of approximately 4,500 g.

This industrial PC is ideal for applications requiring reliable performance in harsh environments.

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