

PS24-6.5A Switch Mode Power Supply (SMPS) Din Rail Mount



When it comes to switch mode power supplies, the PS24-6.5A is a compact and reliable solution designed to meet the needs of various industrial applications, including robotics, automation panels, elevators, and special purpose machines. With a rated power of 156W, it delivers a steady output of 23-28V DC at 6.5A, offering high efficiency of over 90% at 230VAC. This makes for low energy consumption and minimal heat generation, which is ideal for space-constrained environments. The power supply is equipped with multiple protection features such as overload, over-voltage, output short circuit, and over-temperature safeguards. These protection mechanisms ensure long-term reliability by automatically recovering from fault conditions. The unit also incorporates a LED indicator to signal power status and enhance operational visibility.

For input, the PS24-6.5A supports a wide voltage range from 100 to 270V AC, thereby accommodating different power sources. The power supply operates efficiently even under varying conditions. It has a quick startup time of less than 1 second at 230VAC and under 3 seconds at 100VAC. The robust design includes a 2.5kV isolation between input and output, ensuring safe and stable operations in demanding industrial environments.

PS24-6.5A is built to withstand extreme conditions, with an operational temperature range from -25°C to 50°C, and even more extreme storage conditions from -40°C to 85°C. Its compact DIN rail mounting design and durable materials, ABS front and an Aluminium enclosure, make it an excellent choice for installation in tight spaces.

As such, it is both a dependable and reliable industrial power supply device offering long term performance with minimal downtime. Call our offices for more information.

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