

6EP1434-2BA10

Industrial automation components

Manufacturer	Siemens
Catalog number	6ep1434-2ba10
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.62 kgs
Voltage	400 - 500 V
Current	10 A
Signal Level	500 V
Signal Type	500
Relay Specifications	500 VAC

Description

The Siemens 6EP1434-2BA10 is a high-efficiency, panel-mounted power supply unit designed for industrial automation applications. Part of the SITOP PSU300S series, it converts three-phase AC input into a stable 24 V DC output, ensuring reliable power delivery to control systems and field devices. With an input voltage range of 340–550 V AC and an output current of 10 A, it provides a continuous output power of 240 W. The unit boasts an efficiency of approximately 91%, minimizing energy loss and heat generation. It features comprehensive protection mechanisms, including electronic short-circuit protection with automatic restart, overvoltage protection, and current limiting. The 6EP1434-2BA10 is certified for use in hazardous and industrial environments, with approvals such as ATEX II 3G, Class I Div. 2, and UL/cULus, ensuring safe operation in demanding conditions. Its compact dimensions (90 mm x 150 mm x 145 mm) and mounting options make it suitable for integration into various industrial setups.