85693

Industrial automation components

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Manufacturer	Murr Elektronik
Catalog number	85693
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	Murr Elektronik
Part Number	85693
Product Type	Modular Switching Power Supply
Input Voltage	324-572 V AC (3-phase) or 480-745 V DC
Output Voltage	24 V DC
Output Current	40 A
Power	960 W
Efficiency	93.5%
Mounting	DIN rail
Dimensions	138 x 109 x 182 mm

Description

The Murr Elektronik 85693 is a modular switching power supply designed for industrial applications requiring reliable and efficient power conversion. Operating within a wide input voltage range of 324 to 572 V AC (three-phase) or 480 to 745 V DC, it delivers a stable 24 V DC output with a maximum current of 40 A, providing up to 960 W of power.

This power supply is engineered for DIN rail mounting, facilitating easy integration into control cabinets and electrical panels. Its compact dimensions of 138 x 109 x 182 mm ensure space efficiency in installations.

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The 85693 features a high efficiency of 93.5%, minimizing energy loss and reducing operational costs. It is equipped with comprehensive protection mechanisms, including overcurrent, overvoltage, and short-circuit protection, ensuring safe and reliable operation in demanding industrial environments.

The operating temperature range of -40°C to +70°C, with derating above 60°C, allows for versatile deployment in various settings. Additionally, the power supply offers a power boost function, providing 150% of the rated output current for a minimum of 5 seconds to handle transient loads effectively.