85004

Industrial automation components

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Manufacturer	Murr Elektronik
Catalog number	85004
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	324–572 V AC / 480–745 V DC
Output Voltage	24 V DC (adjustable 22–28 V DC)
Output Current	40 A
Power Boost	50% additional power for up to 4 seconds %
Efficiency	90% at 520 V AC input %
Operating Temperature Range	-25 to +70 °C
Mounting Method	DIN rail mountable (TH35) –
Dimensions	132 x 164 x 142 mm
Weight	3 kg

Description

The Murr Elektronik 85004 is a robust 3-phase Evolution Power Supply designed for industrial applications requiring reliable and efficient power conversion. Operating with an input voltage range of 324 to 572 V AC or 480 to 745 V DC, it delivers a stable 24 V DC output with a current capacity of 40 A at 55°C, adjustable between 22 to 28 V DC.

This power supply features a Power Boost function, providing an additional 50% power for up to 4 seconds, facilitating the startup of motors or handling high capacitive loads. It ensures continuous two-phase operation, maintaining functionality even if one phase fails.

The device is equipped with short-circuit and overload protection, and its IP20 enclosure offers touch protection. Designed for DIN rail mounting, it measures 132 x 164 x 142 mm and operates efficiently within a temperature range of -25°C to +70°C.

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The Murr Elektronik 85004 is ideal for applications in fuse distribution cabinets and other industrial settings where reliable power supply is critical.

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