

Rack Power Unit 24-200

24V DC Rack Power Unit for industrial application.



Overview

The RPU24-200 is a robust power unit for a wide range of industrial applications.

Due to its modular 19"-rack concept, integration is comfortable and scalable. With our smart backplane-system it is effortless to remove the power unit. It is not necessary to remove the cables on the backplane.

- Built-in active PFC function (PF > 0,95)
- High efficiency
- Short circuit protection
- Overload and over voltage protection
- Over temperatur protection
- Withstand 300VAC surge input for 5 seconds
- Cooling by free air convection

Applications

- Stepper motor supply
- Flashequipment power supply

Technical Data

Input:

- Voltage range: 85-264VAC
- Frequency range: 47-64Hz
- Efficiency: 88%

Output:

- Power: ca. 200W
- DC Voltage: 2x 24V
- Rated current: 0-8,4A
- Voltage tolerance: +-1%

Protection:

- Overload: 105-135% rated output power
- Protection type: constant current limiting
- Over voltage: 30-34,8V

Environment:

- Working temperature: -40-+70°C
- Working Humidity: 20-90% RH non-condensing
- Storage temp., humidity: -40-+85 °C, 10-95% RH, non-condensing

Mechanical data

- 199*48*128mm (L*W*H)
- cable type: 2 core cable

Backplane

- 2 x 24V DC Output
- 230V AC connector to supply multiple power units in a row
- Smart integration due to 19"-rack concept with 4 M2,5 x 12 Screws

