DIGITUS® Industrial power supply, 48V DC, 5A, 240W, AC-DC, metal housing, for DIN rail mounting

DN-PWR-STD-24048

EAN 4016032508052



Industrial Power Supply 48V DC, 240W, metal case working Temperature -20-70C, DIN Rail

The DIGITUS® DN-PWR-STD-24048 power supply is a high-performance power source for industrial applications, control systems, and automation systems. With an output power of 240 watts and a constant output current of 5 amps, the unit delivers a stabilized 48-V DC voltage for a wide variety of electronic systems. The wide input voltage range (90–264 V AC) enables universal use worldwide—ideal for industrial, building automation, and IoT environments. The metal housing offers excellent heat dissipation, high stability, and protection against external influences. Thanks to its compact design, the power supply can be easily mounted on a DIN rail (TS-35 / 7.5 & 15) and saves space in the control cabinet. The integrated protection system safeguards operation against short circuits, overloads, overvoltage, and overtemperature. Natural air convection effectively cools the unit—without a fan, silently, and maintenance-free. With an efficiency of up to 90% and an adjustable output voltage (48–55 V DC), the power supply offers maximum flexibility and energy efficiency for professional use.

High-performance 240-W AC/DC power supply with a 48 V DC output voltage for industrial, control, and automation applications. The rugged metal housing, wide input voltage range, and integrated protection system ensure maximum reliability during continuous operation. Ideal for control cabinets, machine controls, IoT systems, and industrial automation.

- Output voltage: 48 V DC (adjustable from 48 to 55 V)
- Output current: 5 A
- Output power: 240 W
- Input voltage: 90–264 V AC, 47–63 Hz
- Efficiency: up to 90%
- Protection functions: Short circuit, overload, overvoltage, overtemperature
- Cooling: Natural air convection
- Mounting: TS-35 DIN rail / 7.5 & 15
- Case material: Metal
- Dimensions (H × W × D): 125 × 113 × 50 mm

Package contents

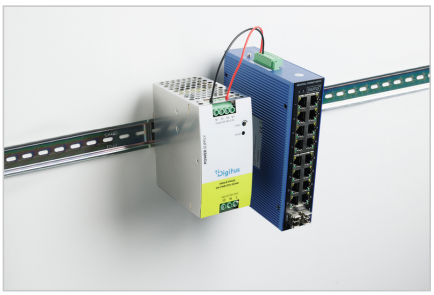
- Industrial Power Supply

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	10	10.50	33.00	52.50	17.50	30,318.80
Packaging Unit Inside	1	1.05	0.00	0.00	0.00	0.00
Packaging Unit Single	1	1.05	10.00	15.50	15.40	2,387.00
Net single without Packaging	1	0.90	11.30	6.30	12.50	0.00

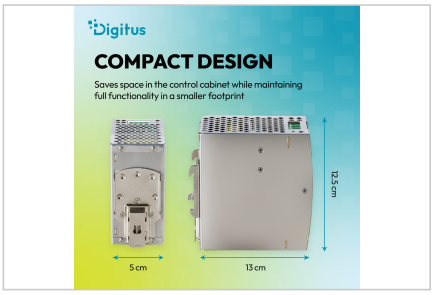
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More images:



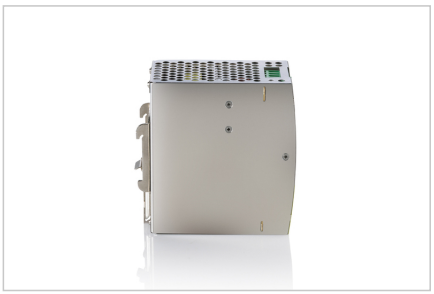












Safety notes

- This product is intended for indoor use only.
- Read all instructions and follow all warnings and instructions on the device.
- Do not place this appliance on an unstable surface (such as a trolley, stand, table, etc.).
- Do not use this appliance near water.
- Do not place this appliance near or above a radiator.
- The housing is equipped with openings for heat dissipation and ventilation. To prevent overheating during operation, the ventilation openings must not be blocked or covered.
- Do not place the appliance on a soft surface (e.g. bed, sofa, blanket, etc.). This will block the ventilation.
- The appliance must not be installed in a closed environment if adequate ventilation is not guaranteed.
- Do not spray any liquids onto the appliance.
- Disconnect the mains plug before cleaning. Do not use any liquid or foam cleaners.
- Clean the appliance with a damp cloth.
- Connect the device according to the power supply on the rating plate.
- To prevent damage to the appliance, it is important that all appliances are properly earthed.
- Do not place any objects on the mains cable and lay it in such a way as to avoid tripping hazards.
- Use a surge protector, a regulator or an uninterruptible power supply (UPS) to protect your system from sudden, temporary and reduced power.
- Secure the system cable and mains cable properly and ensure that no objects are pressing on the cable.
- Do not insert any objects into the appliance through the openings in the housing. There is a risk of a short circuit, which can lead to fire or electric shock.
- Do not attempt to repair the appliance yourself. Always contact an authorized customer service centre.
- If any of the following conditions occur, unplug the appliance and send it to an authorized service centre for repair
- The mains cable, power supply unit or plug for the power supply is damaged or worn;
- Liquid has penetrated the appliance;
- The device has been exposed to rain or water;
- The device has been dropped or the housing has been damaged;
- The function of the device has obviously changed;
- The appliance cannot be operated as described in the operating instructions.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH
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Lüdenscheid, Germany
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