

Industrial power supply unit, 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® power supply unit DN-PWR-STD-24048 is a powerful power supply for industrial applications, control and automation systems. With an output power of 240 watts and a constant output current of 5 amps, the device supplies a stabilized 48 V DC voltage for a wide range of electronic systems. The wide input voltage range (90-264 V AC) enables universal use worldwide - ideal for industry, 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 unit can be easily mounted on a DIN rail (TS-35 / 7.5 & 15) and saves space in the control cabinet. The integrated protection concept ensures operation against short circuit, overload, overvoltage and overtemperature. The device is effectively cooled by free air convection - 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 unit offers maximum flexibility and energy efficiency for professional use.

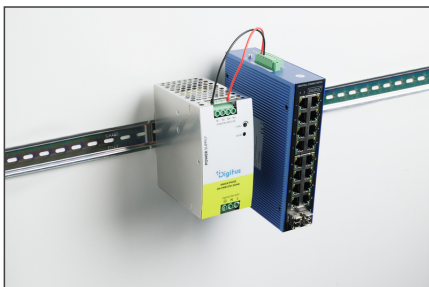
Powerful 240 W AC/DC power supply unit with 48 V DC output voltage for industrial, control and automation applications. The robust metal housing, the wide input voltage range and the integrated protection concept ensure maximum reliability in continuous operation. Ideal for control cabinets, machine control systems, IoT systems and industrial automation.

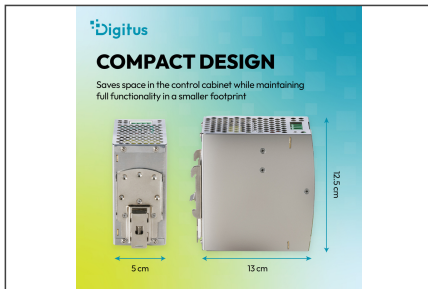
- Output voltage: 48 V DC (adjustable 48-55 V)
- Output current: 5 A
- Output power: 240 W
- Input voltage: 90-264 V AC, 47-63 Hz
- Efficiency: up to 90 %
- Protective functions: Short circuit, overload, overvoltage, overtemperature
- Cooling: Free air convection
- Mounting: DIN rail TS-35 / 7.5 & 15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

Package contents

- Industrial power supply unit

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.