DIGITUS® 12V / 1.25A / 15W Step-Shape DIN-Rail Power Supply (Ultra-Slim, Class II)

DN-PWR-SST-1512

EAN 4016032508106



Step Power Supply 12V DC, 1,25A, 15W, encl. type Ideal for sensors, IoT and low-voltage electronics

The DIGITUS DN-PWR-SST-1512 is a particularly compact 12 V DIN rail power supply with 15 W output. With a width of just 18 mm, it is ideal for installations where every millimeter counts - for example in distribution cabinets, automation or IoT control cabinets. The wide input voltage range of 90-264 V AC / 127-370 V DC enables universal use. At the output, the power supply unit provides a stable 12 V DC voltage with 1.25 A, ideal for control systems, sensors, modules and numerous electronic systems. The output voltage can also be finely adjusted between 10.8 and 13.8 V. Thanks to integrated short-circuit, overload and overvoltage protection, the power supply works safely and reliably even in demanding environments. With Class II insulation, Class 2/LPS and tested EMC conformity, the DN-PWR-SST-1512 meets high requirements in control cabinets and building installations. It is ideal for applications in building automation, for example for supplying 12 V sensors and actuators, control modules such as relay cards or low-power actuators as well as door intercoms, switching modules and smart home logics. In industrial and automation technology, it supplies PLC sub-assemblies, I/O modules, RS485/RS232 communication devices, mini PLCs or relay field modules. It is also ideal for use in the IoT and edge sector - e.g. for gateways, protocol converters, edge sensors, low-power WLAN or mobile radio modules and microcontroller applications. In security and access technology, it serves as a stable power supply for door opener modules, card and RFID readers as well as intercom and intercom systems.

Extremely slim 12 V power supply unit for narrow control cabinets - high efficiency, can be used worldwide and fully protected for a reliable supply of sensors, IoT and control systems.

- Output voltage: 12 V DC
- Output current: 1.25 A
- Output power: 15 W
- Voltage setting range: 10.8-13.8 V
- Ripple & Noise: 120 mVp-p
- Voltage tolerance: ±2 %
- Line regulation: ±1 %
- Load regulation: ±1 %
- Input voltage: 90-264 V AC / 127-370 V DC
- Frequency range: 47-63 Hz
- Inrush current: 25 A @ 115 V / 45 A @ 230 V
- AC current consumption: 0.5 A @ 115 V / 0.25 A @ 230 V
- Efficiency: 85 %
- Overload protection: 110-145 % (hiccup mode, auto-recovery)
- Overvoltage protection (OVP): 14.2-16.2 V
- Short-circuit protection: Yes (auto-recovery)
- Working temperature: -20 °C to +47 °C
- Storage temperature: -40 °C to +85 °C
- Humidity: 20-90 % RH (non-condensing)
- MTBF: > 1,000,000 h (MIL-HDBK-217F)
- Vibration: IEC60068-2-6 (10-500 Hz, 2G)
- Operating altitude: up to 5000 m
- Isolation Class II
- Class 2 / LPS
- Safety standards: UL62368-1, EN62368-1
- EMC (emission/immunity): EN55032 Class B / EN61000-4-2/3/4/5/6/8/11
- Insulation voltage: 4 kV AC
- Dimensions: 18 × 90 × 58 mm
- Weight: 78 g
- Mounting: DIN rail (TH35)
- Connections (input): AC/N (terminal 3), AC/L (terminal 4)
- Connections (output): +V (1), -V (2)

Package contents

- 1× DIGITUS DN-PWR-SST-1512 Step-Shape DIN-Rail power supply unit (12 V / 1.25 A / 15 W)
- 1× Quick Installation Guide (QIG)

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	100	7.00	16.00	42.00	36.00	24,192.00
Packaging Unit Inside	1	0.07	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.07	2.80	10.00	6.80	190.40
Net single without Packaging	1	0.07	5.50	1.80	9.00	0.00

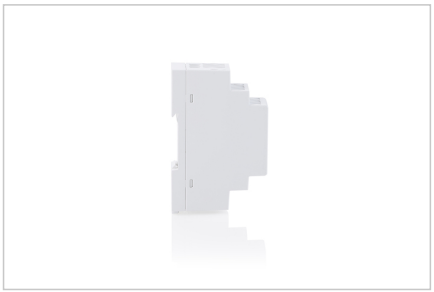
More images:





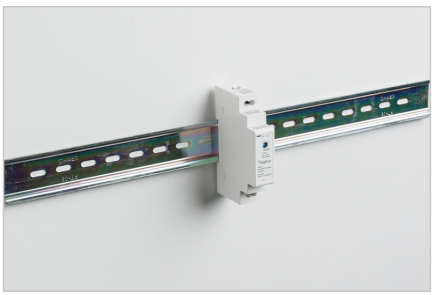












Safety notes

- 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.

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