DIGITUS® 24V / 0.63A / 15W Step-Shape DIN-Rail power supply unit (Ultra-Slim, Class II)

DN-PWR-SST-1524

EAN 4016032508090



Step Power Supply 24V DC, 0,63A, 15W, encl. type Ideal for sensors, IoT and low-voltage electronics

The DIGITUS DN-PWR-SST-1524 is a compact 24 V DIN rail power supply with 15 W output power in an extremely slim design. With a width of just 18 mm, it is ideal for installations with limited space - for example in automation and building installations, IoT control cabinets or in security technology. The wide input voltage range of 90-264 V AC / 127-370 V DC enables flexible and worldwide use. The power supply unit provides a stable 24 V DC output voltage of 0.63 A, which can be finely adjusted in the range from 21.6 to 29 V - a great advantage for long cable runs or sensitive loads. Thanks to the integrated short-circuit, overload and overvoltage protection, the power supply works particularly reliably and effectively protects connected devices. With Class II insulation, Class 2/LPS and tested EMC conformity, it meets the requirements of modern industrial and building technology applications. The high efficiency, robust temperature behavior, compact design and worldwide application range make the DN-PWR-SST-1524 the ideal power supply for building automation, industrial electronics, IoT and edge technology, PLC environments as well as security and access control. Typical applications include 24 V sensors and actuators, control and relay modules, room or zone controllers, door intercoms, switching modules and smart building logic. In industrial and automation technology, it supplies PLC sub-assemblies, 24 V I/O modules, RS485/RS232 communication devices, mini PLCs or relay panels. In IoT and edge scenarios, it supplies gateways, industrial IoT modules, protocol converters, embedded systems and communication components. In security and access technology, it supplies power for door openers, card and RFID readers, video door stations as well as intercom and access communication systems.

Extremely slim 24 V power supply unit for narrow control cabinets - high efficiency, can be used worldwide and fully protected for a reliable supply of automation, IoT and 24 V systems.

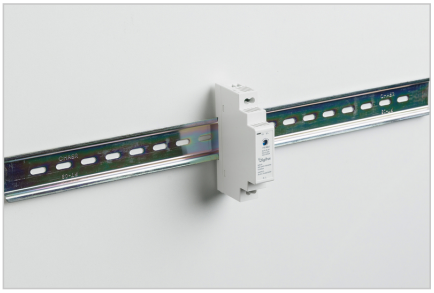
- Output voltage: 24 V DC
- Output current: 0.63 A
- Output power: 15 W
- Voltage setting range: 21.6-29 V
- Ripple & Noise: 150 mVp-p
- Voltage tolerance: ±2 %
- Line regulation: ±1 %
- Load regulation: ±1 %
- Input voltage: 90-264 V AC / 127-370 V DC
- Frequency range: 47-63 Hz
- Inrush current: 25 A @ 115 V / 45 A @ 230 V
- AC current consumption: 0.5 A @ 115 V / 0.25 A @ 230 V
- Efficiency: 86 %
- Overload protection: 110-145 % (hiccup mode, auto-recovery)
- Overvoltage protection (OVP): 30-36 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)

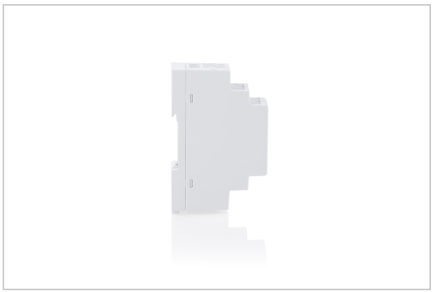
Package contents

- 1× DIGITUS DN-PWR-SST-1524 Step-Shape DIN-Rail power supply unit (24 V / 0.63 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	18.00	42.00	36.00	27,216.00
Packaging Unit Inside	1	0.07	3.00	10.00	7.00	210.00
Packaging Unit Single	1	0.07	3.00	10.00	7.00	210.00
Net single without Packaging	1	0.07	5.80	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.

ASSMANN Electronic GmbH
Auf dem Schüffel 3
Lüdenscheid, Germany
https://www.assmann.com
info@assmann.com